

PHASE I ENVIRONMENTAL SITE ASSESSMENT

OF

COUNTRY HEARTH INN 1111 BOARDMAN ROAD JACKSON, MICHIGAN

MARCH 7, 2011

Prepared For:

Steve Robinson Jackson Boardman, LLC 25900 West 11 Mile Road Southfield, MI 48034

Prepared by:

ENVIROLOGIC TECHNOLOGIES, INC.

2960 Interstate Parkway Kalamazoo, Michigan 49048 (269) 342-1100

HBI PHASE I ESA CERTIFICATE OF COMPLIANCE

A Phase I Environmental Site Assessment (ESA) has been completed	l by		
Matthew A. Tanis of Envirologic Technologies,	Inc.		
nvironmental Professional Name) (Environmental Company Name)			
for the property located at 1111 Boardman Road, Jackson, MI			
(Complete address)			
and published on <u>March 7, 2011</u> . This report v	vas pre	pared for the	
exclusive use of <u>Jackson Boardman, LLC</u> and HBI and each (Name of HBI Borrowing entity)	may re	ly on the	
contents of the report.			
I certify to the following:	YES	NO	
1. Our company is a HBI Approved Company.	X		
2. I meet the definition of "Environmental Professional" as defined by HBI RETS and I take full responsibility for the contents of this report.	X		
3. The Phase I ESA was completed in accordance with the current ASTM E 1527 Standard and the "Current Minimum Reporting Requirements and Procedures For Environmental Investigations For HBI."	X		
4. Recognized Environmental Conditions ("REC") ² exist at the subject property.	X		
Should you have any questions regarding the results of the investig the undersigned at (269) 342-1100 (Phone Number)	ration, p	please contact	
Matthew A. Tanis (Environmental Professional - Print Name) (Environmental Professional - Signature) (3/7/11)			

As defined in 40 CFR (I) (J) (312.10) – Standards for Conducting All Appropriate Inquiries.

As defined by the current ASTM E 1527 Standard for Phase I Environmental Site Assessments

V

HBI PHASE I ESA EXECUTIVE SUMMARY

The Phase I Environmental Site Assessment (ESA) completed for the property located at 1111 Boardman Rd., Jackson, MI has resulted in: (Complete Address) YES NO Recognized Environmental Conditions pertaining to: Surface/subsurface contamination $\overline{}$ Underground Storage Tanks (USTs) $\overline{}$ Leaking Underground Storage Tanks (LUSTs) $\sqrt{}$ The subject property being a Large Quantity Generator \checkmark (LQG) of hazardous waste (either presently or historically) Open (unresolved) regulatory compliance violations $\overline{}$ Business Environmental Risks pertaining to: Wetlands $\overline{}$ Asbestos $\sqrt{}$ Lead Based Paint $\overline{}$ Mold **V** Lead in Drinking Water 1

No Recognized Environmental Conditions (RECs)	
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Recognized Environmental Condition (REC) #1:

- "open" LUST located to the east of the subject property
- Five monitoring wells are located on the subject property to assist in the delineation of off-site contamination
- No contamination has been identified in the on-site monitoring wells

Were Historic Recognized Environmental Conditions (HRECs) identified during the

- No recommendation for further investigation at this time
- Cost Estimate and Time Frame for Resolving the REC (or to investigate further): NA
- Please repeat the above information for all RECs and BERs

Phase I ESA?

TABLE OF CONTENTS

EXECUTIVE SUMMARY	
Onsite Concerns	1
Offsite Concerns	1
INTRODUCTION	3
Purpose	3
SITE LOCATION	3
SITE DESCRIPTION	4
Physical Setting	4
ASSESSMENT OF PROJECT SITE	5
METHODOLOGY	5
Data Sources	5
Site Inspection	6
Data Gaps and Data Failures	6
User's Responsibilities	6
Purchase Price	7
Environmental Liens and Controls	7
ZONING	7
SITE OWNERSHIP AND USE HISTORY	8
SITE OBSERVATIONS	8
CHEMICAL STORAGE AND WASTE DISPOSAL (CURRENT)	9
UTILITIES	9
Underground Storage Tanks and Above Ground Storage Tanks	10
POLYCHLORINATED BIPHENYLS (PCBs)	10
Asbestos-Containing Materials	10
LEAD-BASED PAINT	10
Mold	10
Wetlands	
ASSESSMENT OF IDENTIFIED SITES OF CONCERN	12
Environmental Radius Report	
Environmental History of Identified Sites.	
OBSERVATIONS OF ADJACENT PROPERTIES.	
CONCLUSIONS (AND RECOMMENDATIONS)	
Offsite Concerns.	
FEDERAL BROWNFIELD AMENDMENTS TO CERCLA	
LIMITATIONS	
QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS	19

APPENDICES

APPENDIX A: Figure 1 (Location Map) and Figure 2 (Site Plan)

APPENDIX B: Site Photographs

APPENDIX C: Environmental Radius Report

APPENDIX D: Aerial Photographs

APPENDIX E: Sanborn Maps

APPENDIX F: FOIAR Documentation (Requests and Responses)

APPENDIX G: User's Responsibilities Documentation (User/Seller Questionnaire)

APPENDIX H: Private/Other Supporting Documentation

PHASE I ENVIRONMENTAL SITE ASSESSMENT OF COUNTRY HEARTH INN 1111 BOARDMAN ROAD JACKSON, MICHIGAN

EXECUTIVE SUMMARY

Envirologic Technologies, Inc. (Envirologic) performed a Phase I Environmental Site Assessment (ESA) of the Country Hearth Inn site located at 1111 Boardman Road in Jackson (Blackman Township), Michigan (subject property). The Phase I ESA has been performed in accordance with the American Society for Testing and Materials (ASTM) Standard Practice for Phase I ESAs (Standard E1527-05) and in conformance with the federal rule for All Appropriate Inquiry (AAI). Non-CERCLA issues that are not typically part of the ASTM standard scope of investigation (i.e., radon, vapor intrusion, universal wastes) were not addressed as part of this Phase I ESA. The Phase I ESA was conducted for the intended purchase of the property. This report was prepared for the exclusive use of Jackson Boardman, LLC and Huntington Bank, each of whom may rely on the report contents.

Onsite Concerns

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of the Country Hearth Inn site located at 1111 Boardman Road, Jackson, Michigan, the property. Any exceptions to, or deletions from, this practice are described in Limitations Section of this report. This assessment has revealed no evidence of Recognized Environmental Conditions in connection with the property.

No further assessment of the subject property is warranted at this time

Offsite Concerns

The potential for offsite activities to adversely impact the subject property has been evaluated. A property to the east (Shell Speed-D-Mart #1400, 1780 Clinton Road) is a site of known soil and groundwater impact. Groundwater impact consists of petroleum compounds. Hydrogeologic data generated from the offsite property indicates that groundwater flow direction is to the west, toward the subject property. Therefore, the potential for groundwater impact to emanate onto the subject property from offsite source exists. Previous investigations of the release included

placement of five monitoring wells on the subject property. Analytical results have not identified any contamination in the areas of the monitoring wells from the monitoring well installation in the mid 1990s to the last sampling event in 2005. However, the interpretation of the data has indicated the potential for low levels of petroleum contamination in excess of residential drinking water criteria in a very small portion of the extreme southeast corner of the subject property.

The subject property is connected to municipal water and no potable water supply wells are present on site, indicating that potential groundwater impact emanating onto the site does not represent an unacceptable health exposure. No concerns regarding the potential volatilization of contaminants to ambient or indoor air have been identified based upon the reported groundwater contaminant concentrations. Due to the documentation of the potential for contamination to emanate onto the subject property, Jackson Boardman, LLC may utilize the Contiguous Property Owner defense to remedial liability if, in the future, contamination is discovered to be emanating onto the subject property from the adjacent site of concern.

No further investigation is warranted at this time.

PHASE I ENVIRONMENTAL SITE ASSESSMENT OF COUNTRY HEARTH INN 1111 BOARDMAN ROAD JACKSON, MICHIGAN

INTRODUCTION

Envirologic Technologies, Inc. (Envirologic) has conducted a Phase I Environmental Site Assessment (ESA) of the Country Hearth Inn property located at 1111 Boardman Road in Jackson (Blackman Township), Michigan (subject property). The Phase I ESA has been performed in accordance with the American Society for Testing and Materials (ASTM) Standard Practice for Phase I ESAs (Standard E1527-05) and in conformance with the federal rule for All Appropriate Inquiry (AAI). Non-CERCLA issues that are not typically part of the ASTM standard scope of investigation (i.e., radon, vapor intrusion, universal wastes) were not addressed as part of this Phase I ESA. This Phase I ESA was conducted to identify conditions indicative of releases or threatened releases of hazardous substances or petroleum products (Recognized Environmental Conditions) and potential environmental liabilities associated with the property, and to meet the standards of AAI.

The Phase I ESA was comprised in significant part of a records review and a visual site inspection. The information gathered during the Phase I ESA was limited to that which could be reasonably ascertained from administrative sources and to visual observations made during the site inspection. Therefore, the ESA interpretations made herein are in the context of the data limitations. While Phase I ESA data is informative in nature, it is necessarily limited.

Purpose

The purpose of this assessment was also to meet the requirements of All Appropriate Inquiry in order to pursue liability protection. Envirologic Technologies, Inc. recognizes Jackson Boardman, LLC and Huntington Bank (the users) reliance upon the contents of the Phase I ESA as part of the process of evaluating the environmental risks associated with the subject property.

Site Location

The subject property is located at 1111 Boardman Road in Jackson, Michigan (subject property). Specifically, the site is located within the Section 14, Township 3 South, Range 1 West in Blackman Township, Jackson County, Michigan (refer to Figure 1 in Appendix A). The subject property

consists of a single parcel of land with a tax identification number of 000-13-14-326-093-00. The legal description, obtained from the Blackman Township Assessing Department, is as follows:

BEG AT THE ¼ POST OF SEC 28 TH N 89 DEG 28' 16" W 1076.21 FT TH N 28 DEG 03' 16" E 84.02 FT TO A PT FPR PL OF BEG OF THE DESCN TH N 65 DEG 55' 42" W 342.23 FT TH N 24 DEG 04' 18" E 225 FT TO THE SLY R/W LN OF BOARDMAN RD TH S 65 DEG 55' 42" E 357.89 FT TH S 28 DEG 03' 16" W 225.54 FT TO BEG. SEC 28 T2SR1W 1.808A

Site Description

The subject property consists of approximately 1.8 acre and is utilized as a motel. The majority of the subject property is covered by the subject buildings and asphalt covered parking lot/drives. The remainder of the subject property is green space. A more complete description of the project site is provided in the *Site Observations* section of this report. Color photographs of the property are included as Appendix B.

Physical Setting

According to the United States Geological Survey, the subject property is at an elevation of approximately 970 feet above mean sea level and level. The land surrounding the property slopes gradually downward to the north. The nearest surface water body is the Grand River located 0.9 miles east of the property.

The Jackson County Soil Survey identifies soil underlying the property to be Urban Land-Udorthents complex, a unit of soil from which consists of urban land and nearly level and gently sloping, well drained to somewhat poorly drained soil.

The depth to groundwater is based on the on-site monitoring wells located on the subject property in association with a hydrogeologic investigation on the Shell Speed-D-Mart property located to the east of the subject property. Groundwater is estimated to be approximately 15 feet below the ground surface. Groundwater flow direction is to the west.

ASSESSMENT OF PROJECT SITE

Methodology

The Phase I ESA has been performed in accordance with the American Society for Testing and Materials (ASTM) Standard Practice for Phase I ESAs (Standard E1527-05). Additional non-CERCLA issues that are not typically part of ASTM standard scope of investigation (i.e., radon, vapor intrusion, universal wastes) were not addressed as part of this Phase I ESA.

Data Sources

The following sources of information were utilized to assist in the environmental assessment of the subject property:

- Jackson North, Michigan USGS 7.5 Minute Topographic Quadrangle, 1967, photorevised
 1973
- USDA Soil Conservation Service Soil Survey of Jackson County, Michigan, 1981
- MDNRE Website for Environmental Liens
- Environmental Radius Report for the subject property, generated February 14, 2011 by
 Environmental Data Resources, Inc.
- Aerial photographs dated 1938, 1950, 1956, 1964, 1970, 1972, 1982, 1992, and 2005 obtained from various resources
- Additional correspondence, data and reports from MDNRE files
- Jackson County City Directories from 1918 to 2008 available from the Jackson Public Library
- Review of publicly available information obtained from the following Blackman Township and Jackson County offices:
 - Records/Building Department
 - Assessing/Zoning
 - Health Department
 - Public Works
 - Fire Department

Site-specific information obtained from personal and telephone interviews with the following people:

Yogin Patel (Property Manager)

Site Inspection

Envirologic conducted a site inspection of the property on February 24, 2011. The subject building was in use as an active motel during the site inspection. All areas of the property were accessible, with the exception of occupied rooms. Weather conditions consisted of cloudy skies with temperatures in the 30s °F. Approximately four inches of snow was present throughout the subject property during the site inspection.

Data Gaps and Data Failures

A data gap is the inability to obtain information within the scope of the Phase I ESA. The following data gap was encountered for the Phase I ESA:

Approximately four inches of snow was present throughout the subject property.

A data failure is the absence of information typically used to complete a Phase I ESA. The following data failures were encountered for the Phase I ESA:

- Not all rooms were accessible during the site inspection due to customer occupancy.
- Sanborn Fire Insurance maps were not available for the subject property.

Due to the availability of other data sources (e.g., aerial photographs and personal interviews) the data gaps and data failures have not significantly impacted the ability of Envirologic to identify RECs.

User's Responsibilities

The user was not aware of any environmental or activity use limitations recorded against or relating to the property.

The user did not have actual knowledge of environmental liens or activity use limitations encumbering or in connection with the property.

The user did not have specialized knowledge or experience material to Recognized Environmental Conditions in connection with the property. Where specialized knowledge existed, it was provided to Envirologic.

Purchase Price

A purchase price significantly less than the market value of the property may indicate contamination on the property. The user, Mr. Steve Robinson, indicated to Envirologic that the purchase price represented fair market value for the property. Therefore, the property purchase price does not indicate that the property has known contamination.

Environmental Liens and Controls

The MDNRE RRD Cost Recovery Unit website was queried regarding potential environmental liens on the subject property. According to the MDNRE website, no environmental liens were listed for the project site. The current property owner, JAI Shomnath, LLC, was not aware of any institutional or engineering controls placed on the property. No such controls were identified on the tax card obtained from the Blackman Township Assessor's Office.

No Institutional Controls or Engineering Controls have been identified in association with the subject property.

The potential for petroleum-based groundwater impact to emanate onto a small portion of the subject property from an offsite source has been identified as a REC. Jackson Boardman, LLC should be cognizant of potential future requests by the responsible party in association with release response activities. Response activities may include access to the subject property for sampling onsite groundwater monitoring wells or the potential placement of a restriction on the development of groundwater.

If it is determined that the onsite groundwater monitoring wells are no longer necessary Envirologic recommends that they be properly abandoned.

Zoning

The subject property is zoned "C-2" General Commercial District according to the Blackman Township zoning department. The district is primarily intended for "planned and integrated groups of retail, service, and administrative establishments which will provide convenience and comparison goods and provide personal and professional services for the entire area and to accommodate commercial establishments which cannot be practically provided in local commercial areas."

Site Ownership and Use History

Aerial photographs from 1938 and 1950 depict the subject property as vacant land. The 1957 aerial photograph depicts the subject property in a similar configuration as the previous aerials; however, Interstate 94 was present, as well as Boardman Road. The 1964 aerial depicts the subject property as vacant land or landscaped lawn. A 1970 and 1972 aerial depicts the subject property as a parking lot with a miniature golf course located along the southern side of the subject property. The 1982 aerial photograph depicts the miniature golf course along the south side of the site as well as a bank branch owned by Michigan Bank Midwest located along the north side of the site. According to available data sources the property was leased to the bank by the Weatherwax Investment Company. It is unclear how long Weatherwax Investment Company owned the site. However, site documentation indicates that a lease was written in 1981 between Weatherwax Investment Company and the Michigan Bank Midwest.

According to Blackman Township records, the Michigan Bank Midwest opened a branch office on the subject property in 1981. The office consisted of a 1,476-square-foot building constructed on a concrete slab foundation. Michigan Bank Midwest terminated their lease in 1984 and razed the building. In place of the building an automated teller machine (ATM) was constructed and was utilized on-site between 1984 and approximately 1986.

According to city records and city directories, the current building was constructed on the subject property in 1988. The subject property has been utilized as a motel since that time. 1992 and 2005 aerial photographs depict the subject property in the same configuration as identified during the site inspection.

No RECs have been identified based upon the site ownership and use history.

Site Observations

Mr. Matthew A. Tanis, Project Scientist with Envirologic, conducted a site inspection of the property on February 24, 2011. All areas of the property were accessible, with the exception of occupied rooms. Weather conditions consisted of cloudy skies with temperatures in the 30s °F. Approximately four inches on snow was present throughout the subject property during the site inspection.

The subject property is utilized as an active motel. The subject property is occupied by two buildings and a shed. The buildings consist of two stories and are constructed on a concrete slab foundation. The first floorsof the buildings are constructed of brick while the second floor is wood-framed. The subject buildings contain a total of 73 rentable rooms, office space, laundry area, dinning area, kitchen, and various storage areas. The site inspection consisted of the inspection of all public areas, and employee areas. Two hotel rooms were inspected in each building. The rooms were very similar, containing a bed, dresser, television and refrigerator.

The site's dinning area, office, kitchen, and laundry area are all located in the eastern most building. The laundry area contained various detergents in prepackaged containers. Additionally, the housekeeping staff utilizes this area for chemical storage. All onsite chemical storage consisted of small quantities of general cleaning products in prepackaged containers. All onsite drains were determined to be connected to municipal sanitary sewer.

A shed located along the northwest corner of the site is used as a maintenance shed and storage area. Small quantities of prepackaged chemicals were identified in the storage shed in quantities typical of a residential dwelling.

No indications of pits, ponds, lagoons, or areas of fill material were observed on the date of the site inspection. No indication of exterior chemical storage, underground storage tanks, stained ground surface, distressed vegetation, controlled substances, or improper waste disposal were observed on the date of the site inspection. No Recognized Environmental Conditions were identified as a result of the site inspection.

Chemical Storage and Waste Disposal (Current)

Chemical storage and waste disposal do not represent a Recognized Environmental Condition at the property. Chemical cleaners, paints, and maintenance materials exist at the site in quantities and packaging typical for a commercial establishment.

Utilities

The subject property is currently serviced by natural gas, underground electric, and municipal water and sanitary sewer. It appears that all utilities were present in 1988 when the subject buildings were constructed. Floor drains present in the subject buildings are reportedly connected to the municipal sanitary sewer. No record of the presence of water supply wells or septic systems

in association with the subject property was on file with the Jackson County Health Department. Based upon the site use history of the subject property, no concerns regarding utility use have been identified.

Underground Storage Tanks and Above Ground Storage Tanks

No indications of the presence of underground storage tanks (vent pipes, fill ports, pumps) were observed during the site inspection. MDNRE and the Blackman Township Fire Department had no records or knowledge of underground or above ground storage tanks associated with the subject property. No Recognized Environmental Conditions were identified with respect to underground or above ground storage tanks at the subject property.

Polychlorinated Biphenyls (PCBs)

Envirologic evaluated the potential for PCBs-containing materials associated only with electrical and hydraulic equipment. A pad-mounted transformer was observed along the northern property boundary. The transformer may be located in the Boardman Road right-of-way. The transformer was identified as being owned by Consumers Energy. No labels were on the transformer with respect to PCBs content. No evidence of a release, such as staining or distressed vegetation, was noted in association with the transformer. Consumers Energy would retain remedial liability for any impact associated with a potential leak or failure from the transformer.

Asbestos-Containing Materials

The subject property was built in 1988. No suspect asbestos-containing materials were identified during the site inspection. While the site was built prior to 1989, the building has had several renovations, and asbestos-containing materials are not believed to be an environmental concern.

Lead-Based Paint

The subject property was built prior to 1989, no signs of damaged or friable paint was identified during the site inspection. Lead-based paint is not and environmental concern at this site.

Mold

No indications of water intrusion or water damage were noted during the site inspection in association to accessible portions of the subject building.

Wetlands

No wetlands were depicted on the property as depicted by the National Wetland Inventory maps or historic aerials. No wetland vegetation was observed on the subject property during the site inspection.

ASSESSMENT OF IDENTIFIED SITES OF CONCERN

Environmental Radius Report

Environmental Data Resources, Inc. (EDR) generated an "EDR Radius Map Report" that is provided in Appendix C. The purpose of the radius report is to identify potential and confirmed sources of contamination at or near the subject property. EDR searched and reviewed appropriate state and federal environmental databases within required radii from the subject property, in accordance with ASTM Standard E1527-05 requirements. The following state and federal environmental databases were reviewed:

- Federal NPL—National Priority List, high-ranking contaminated sites targeted for federal cleanup action
- Federal CERCLIS—Comprehensive Environmental Response, Compensation, and Liability Information System, potential uncontrolled hazardous waste sites
- Federal NFRAP—sites with a completed assessment under CERCLA, and for which EPA has determined that no further steps will be taken
- Federal RCRA TSD—Resource Conservation and Recovery Act, permitted hazardous waste treatment, storage, and disposal facilities
- Federal RCRA COR—hazardous waste sites undergoing corrective action under RCRA
- Federal RCRA GEN—generators of hazardous waste
- Federal ERNS—CERCLA Emergency Response Notification System, sites where EPA has conducted emergency response actions for hazardous substance releases
- State Sites—State Priorities List, Part 201 Sites, sites subject to reporting and remediation under Michigan's Part 201 of Act 451
- State SWL—Solid Waste Facilities, active and inactive solid waste facilities
- State LUST—Leaking Underground Storage Tank, sites with confirmed releases from underground storage tank systems
- State UST/AST—Underground/Above Ground Storage Tank, sites with registered underground or above storage tanks
- And other reasonably ascertainable publicly available databases. Refer to Appendix C for a full list of all databases.

The purpose of the database report was to identify potential and confirmed offsite sources of contamination near the subject property. The subject property was not on any of the lists in the environmental radius report. The majority of these sites were identified through the report as

former (closed) sites of contamination or as sites that are listed simply due to the presence of regulated substances or wastes (e.g., UST site, RCRA Generator sites, etc.). The subject property was not on any of the lists in the environmental radius report.

File information provided in the environmental database report and MDNRE file information was used to evaluate the potential for the following location to impact the project site:

Shell Speed-D-Mart # 1400 (1/8-1/4 Mile SE)
 1780 Clinton Road
 Jackson, Michigan

Environmental History of Identified Sites

Shell Speed-D-Mart #1400

A property to the east (Shell Speed-D-Mart # 1400, 1780 Clinton Road) was listed on environmental databases as an "open" leaking underground storage tank (LUST) site. Available information indicates that the site has utilized as many as eight underground storage tanks (USTs) containing gasoline or diesel. Releases have been identified from the site in 1991 and 2001. Petroleum contamination has been identified in soil and groundwater. As a result of the releases, several hydrogeologic investigations have been conducted. As a result of the investigations, it has been determined that the groundwater contamination has migrated west toward the subject property. Five monitoring wells were installed on the subject property in the mid 1990s (refer to Figure 2 for well locations). As of 2005, no contamination has been identified on the subject property. However, available delineation maps predicted that contamination could be present near the extreme southeastern corner of the subject property.

The potential for petroleum-based impact to emanate onto the subject property from an offsite source has been identified as a REC. No concerns regarding unacceptable health exposures on the subject property have been identified in association with the Shell Speed-D-Mart release. Boardman Road, LLC should be cognizant of potential future release response activities that may involve the subject property; including: future access for groundwater monitoring well sampling and potential groundwater use restrictions.

Envirologic recommends that Boardman Road, LLC request copies of any environmental reporting potentially generated in the future regarding the sampling of onsite monitoring wells.

Twenty-two orphan sites are listed in the radius report. These sites are not mapped due to incomplete address information. Envirologic reviewed the orphaned sites, and based on street and property name information, Envirologic identified their approximate location. Given their distance to the project site, the potential for the orphaned offsite properties to impact the subject property is believed to be low.

Observations of Adjacent Properties

The property is surrounded by commercial businesses. To the north of the site is Boardman Road, followed by vacant land adjacent to Interstate 94. A Ground Round restaurant followed by the Shell Speed-D-Mart is located to the east of the site. An Old Country Buffet is located to the west of the site. To the south of the site is various commercial buildings (i.e., Best Buy, Bed Bath and Beyond, Kohl's, Sears, etc.). There were no outdoor storage, operations, fueling stations, or other environmental concerns observed at the adjacent properties, except for the Shell Speed-D-Mart discussed above. Similarly, except for the Shell Speed-D-Mart, aerial photographs and site observations did not indicate current or historic Recognized Environmental Conditions at the adjoining properties.

CONCLUSIONS (AND RECOMMENDATIONS)

Identification of potential environmental concerns at the project site has been limited to those items that may be administratively determined within the scope of this project. Envirologic has performed the Phase I ESA in accordance with the ASTM Standard Practice E1527-05 for the Country Hearth Inn located at 1111 Boardman Road in Jackson (Blackman Township), Michigan. Additional non-CERCLA issues that are not typically part of the ASTM standard scope of services (i.e., radon, vapor intrusion, universal wastes) were not addressed as part of this Phase I ESA investigation.

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of 1111 Boardman Road, Jackson, Michigan, the property. Any exceptions to, or deletions from, this practice are described in the Limitations section of this report. This assessment has revealed no evidence of Recognized Environmental Conditions in connection with the property.

No further assessment of the subject property is warranted at this time

Offsite Concerns

The potential for offsite activities to adversely impact the subject property has been evaluated. A property to the east (Shell Speed-D-Mart #1400, 1780 Clinton Road) is a site of known soil and groundwater impact. Groundwater impact consists of petroleum compounds. Hydrogeologic data generated from the offsite property indicates that groundwater flow direction is to the west; toward the subject property. Therefore, the potential for groundwater impact to emanate onto the subject property from offsite source exists. Previous investigations of the release included placement of five monitoring wells on the subject property. Analytical results have not identified any contamination in the areas of the monitoring wells from the monitoring well installation in the mid 1990s to the last sampling event in 2005. However, the interpretation of the data has indicated the potential for low levels of petroleum contamination in excess of residential drinking water criteria in a very small portion of the extreme southeast corner of the subject property.

The subject property is connected to municipal water and no potable water supply wells are present on site, indicating that potential groundwater impact emanating onto the site does not represent an unacceptable health exposure. No concerns regarding the potential volatilization of contaminants to ambient or indoor air have been identified based upon the reported

groundwater contaminant concentrations. Due to the documentation of the potential for contamination to emanate onto the subject property, Jackson Boardman, LLC may utilize the Contiguous Property Owner defense to remedial liability if, in the future, contamination is discovered to be emanating onto the subject property from the adjacent site of concern.

No further investigation is warranted at this time.

FEDERAL BROWNFIELD AMENDMENTS TO CERCLA

The Small Business Liability Relief and Brownfields Revitalization Act of 2002 amended the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) to provide liability limitations for certain landowners. The due diligence effort completed by Envirologic was designed, in part, to meet the requirements that allow landowners to qualify for those protections.

Where no contamination has been evident, the completion of "all appropriate inquiry" was intended to help qualify a landowner as either an "innocent landowner" and/or a "contiguous property owner" with respect to liabilities that may be discovered in the future.

Where contamination has been discovered, the effort was also designed to partly establish a landowner as a "Bona Fide Prospective Purchaser" (one of the requirements is a demonstration that the landowner is not affiliated with any liable party and is beyond the scope of Envirologic's services). To qualify as a "Bona Fide Prospective Purchaser", the landowner must also:

- 1. comply with any land use restrictions,
- 2. not impede the effectiveness of integrity of any institutional control,
- 3. take reasonable steps to stop continuing releases, prevent future releases, and prevent or limit human and environmental exposures to hazardous substances,
- 4. provide cooperation, access, and assistance to persons authorized to conduct response actions,
- 5. comply with information requests, and
- 6. provide any legally required notices.

LIMITATIONS

A Phase I ESA represents an attempt to perform an appropriate, particular, and reasonable inquiry consistent with good commercial and customary practice. The Phase I ESA is by necessity a limited investigation. It is not possible to address all past or present land uses and/or site practices that may have affected the quality of the local environment. However, in the professional opinion of Envirologic Technologies, Inc., an appropriate level of inquiry has been made into the previous ownership and uses of the property consistent with good commercial and customary practice in an effort to minimize liability. Interpretations of information provided in this report should be made with respect to the limitations and availability of the data. The results and conclusions of this study do not insure, warrant, or represent that there are no additional environmental issues that might be discovered if additional subsurface investigations were to be undertaken.

Additional non-CERCLA issues that are not typically part of the ASTM standard scope of services (i.e., radon, vapor intrusion, universal wastes) were not addressed as part of this Phase I ESA investigation except for asbestos, lead-based paint, and wetlands in accordance with Huntington Bank's Minimum Reporting Requirements.

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

The following individuals have conducted this Phase I ESA in accordance with the All Appropriate Inquiry Rule 40 CFR Part 312 and are Environmental Professionals.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of this part. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

David A. Stegink

Associate Vice President

DavdA. Steg-

David A. Stegink graduated from Hope College with a Bachelor of Science degree in Chemistry/Biology and has over 25 years of environmental-related experience. Mr. Stegink has been an Environmental Compliance Manager for Envirologic since 1991. Between 1984 and 1991, Mr. Stegink served as a Chemist and Operations Manager for a commercial hazardous waste treatment facility. Mr. Stegink's expertise includes transactional environmental liability, Brownfield Redevelopment, property assessments including Phase I and II ESAs, baseline environmental assessments (BEAs), hazardous waste management, underground storage tanks, storm water management, and environmental policy and regulations.

Matthew A. Tanis

Environmental Scientist

Matthew A. Tanis holds a Bachelor of Science degree in Biology/Environmental Sciences from Olivet College, and has been with Envirologic over 10 years. Mr. Tanis has completed the U.S. Army Corps of Engineers-approved Wetland Delineation Training Program and is a certified to conduct endangered species assessments. He is an accredited Asbestos Building Inspector. Mr. Tanis' area of expertise includes Phase I and II ESAs, Baseline Environmental Assessments (BEAs), Wetland Identification and Delineation, and Endangered Species Assessment.

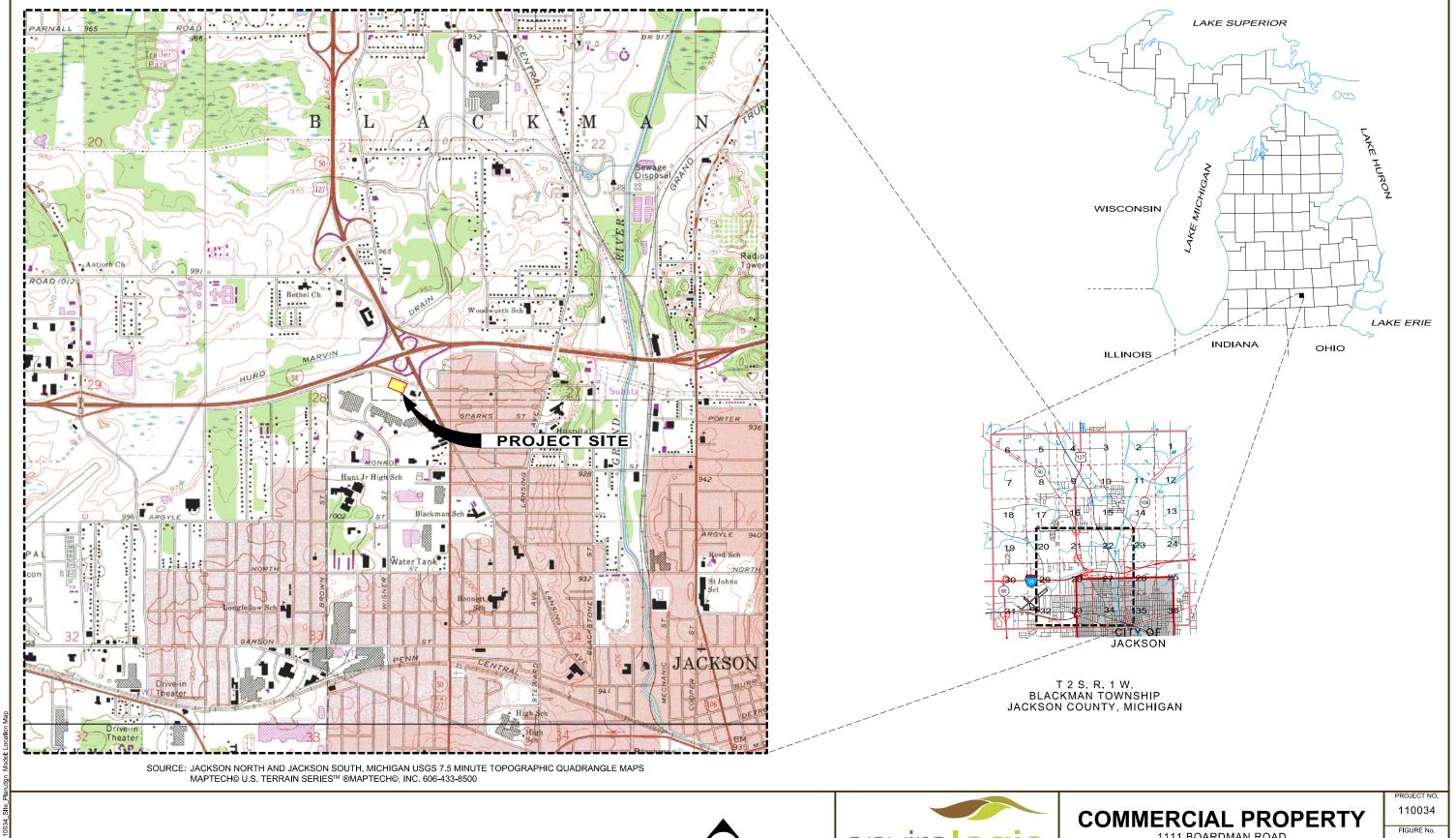
H:\Projects\Projects_J\Jackson County BRA\Boardman Road\110034p1.doc

APPENDIX A

SITE FIGURES

Figure 1: Location Map
Figure 2: Site Plan





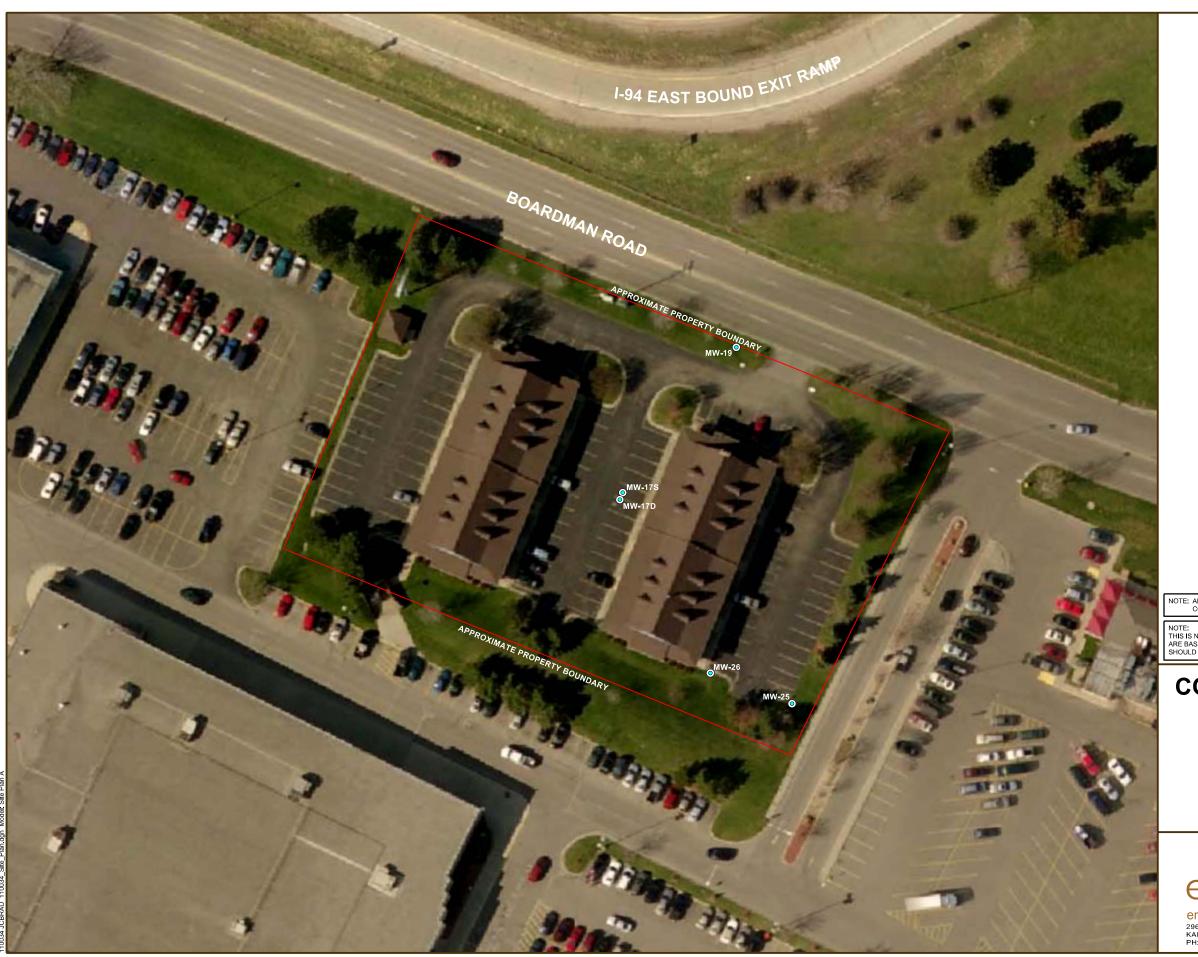
0 500 1000 2000 4000 SCALE 1" = 2000'



1111 BOARDMAN ROAD JACKSON, MICHIGAN 49202

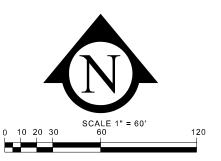
SITE PLAN

1



LEGEND

MONITORING WELL LOCATION



NOTE: AERIAL PHOTOGRAPHY: 2007 COLOR ORTHOPHOTO, OBTAINED FROM THE JACKSON COUNTY ON LINE GIS VIEWER.

COONTT ON LINE GIS VIEWEN

NOTE:
THIS IS NOT A PROPERTY BOUNDARY SURVEY, PROPERTY BOUNDARIES SHOWN ON THIS MAP
ARE BASED ON AVAILABLE FURNISHED INFORMATION AND ARE APPROXIMATE ONLY AND
SHOULD NOT BE USED TO ESTABLISH PROPERTY BOUNDARY LOCATION IN THE FIELD.

COMMERCIAL PROPERTY

1111 BOARDMAN ROAD JACKSON, MICHIGAN 49202

SITE PLAN



PROJECT NO. 110034

FIGURE No.

2

APPENDIX B

SITE PHOTOGRAPHS







North side of property



Eastern subject building





West side of eastern building



Western building





Shed



Typical room





Typical room



Dining area





Lobby



Laundry area





Storage space



Utility area





Storage in shed



Storage in shed

APPENDIX C

ENVIRONMENTAL RADIUS REPORT



Country Hearth Inn

1111 Boardman Jackson, MI 49202

Inquiry Number: 2990959.2s

February 14, 2011

The EDR Radius Map™ Report with GeoCheck®

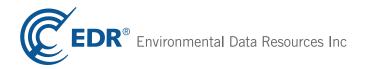


TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map.	2
Detail Map.	
Map Findings Summary	. 4
Map Findings	7
Orphan Summary	
Government Records Searched/Data Currency Tracking.	GR-1
GEOCHECK ADDENDUM	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map.	A-9
Physical Setting Source Map Findings	A-10
Physical Setting Source Records Searched.	A-219

Thank you for your business.Please contact EDR at 1-800-352-0050 with any questions or comments.

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1111 BOARDMAN JACKSON, MI 49202

COORDINATES

Latitude (North): 42.270200 - 42° 16' 12.7" Longitude (West): 84.426900 - 84° 25' 36.8"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 712206.9 UTM Y (Meters): 4682769.0

Elevation: 981 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 42084-C4 JACKSON NORTH, MI

Most Recent Revision: 1976

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2006, 2005 Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	National Priority List

Proposed NPL..... Proposed National Priority List Sites NPL LIENS..... Federal Superfund Liens Federal Delisted NPL site list Delisted NPL..... National Priority List Deletions Federal CERCLIS list CERCLIS.... FEDERAL FACILITY..... Federal Facility Site Information listing Federal CERCLIS NFRAP site List CERC-NFRAP..... CERCLIS No Further Remedial Action Planned Federal RCRA CORRACTS facilities list CORRACTS..... Corrective Action Report Federal RCRA non-CORRACTS TSD facilities list RCRA-TSDF...... RCRA - Treatment, Storage and Disposal Federal RCRA generators list RCRA-LQG RCRA - Large Quantity Generators RCRA-SQG..... RCRA - Small Quantity Generators Federal institutional controls / engineering controls registries US ENG CONTROLS..... Engineering Controls Sites List US INST CONTROL..... Sites with Institutional Controls Federal ERNS list ERNS..... Emergency Response Notification System State and tribal landfill and/or solid waste disposal site lists SWF/LF..... Solid Waste Facilities Database State and tribal leaking storage tank lists INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land State and tribal registered storage tank lists Aboveground Tanks INDIAN UST..... Underground Storage Tanks on Indian Land FEMA UST..... Underground Storage Tank Listing State and tribal institutional control / engineering control registries AUL..... Engineering and Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields and UST Site Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

SWRCY..... Recycling Facilities

HIST LF..... Inactive Solid Waste Facilities

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

DEL SHWS...... Delisted List of Contaminated Sites CDL...... Clandestine Drug Lab Listing

US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

LUCIS.....Land Use Control Information System

LIENS.....Lien List

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS...... Pollution Emergency Alerting System

Other Ascertainable Records

CONSENT...... Superfund (CERCLA) Consent Decrees

TRIS...... Toxic Chemical Release Inventory System

TSCA...... Toxic Substances Control Act

FTTS......FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide

Act)/TSCA (Toxic Substances Control Act)

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

SSTS..... Section 7 Tracking Systems

ICIS...... Integrated Compliance Information System

PADS...... PCB Activity Database System MLTS..... Material Licensing Tracking System RADINFO...... Radiation Information Database

FINDS_____Facility Index System/Facility Registry System

UIC...... Underground Injection Wells Database

WDS..... Waste Data System

DRYCLEANERS...... Drycleaning Establishments NPDES..... List of Active NPDES Permits AIRS..... Permit and Emissions Inventory Data

INDIAN RESERV...... Indian Reservations SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

FINANCIAL ASSURANCE.... Financial Assurance Information Listing COAL ASH DOE..... Sleam-Electric Plan Operation Data

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER...... PCB Transformer Registration Database

COAL ASH..... Coal Ash Disposal Sites

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants____ EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 02/17/2010 has revealed that there is

1 RCRA-CESQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE SHERWIN WILLIAMS CO	1605 N WISNER ST	SW 1/8 - 1/4 (0.233 mi.)	3	10

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Quality's' Contaminated Sites List on Diskette With Address.

A review of the SHWS list, as provided by EDR, and dated 01/30/2011 has revealed that there are 4 SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
JACKSON CITY DUMP-WISNER & ARG Facility Status: Evaluation conducted	WISNER & ARGYLE	S 1/2 - 1 (0.567 mi.)	9	19	
INDUSTRIAL SCREW PRODUCTS INC Facility Status: Interim Response in prog	825 CARROLL AVE	SSW 1/2 - 1 (0.914 mi.)	11	31	
racility Status. Interim Response in prog	1655				
Lower Elevation	Address	Direction / Distance	Map ID	Page	
, , , , , ,	Address 1435 N BLACKSTONE ST	Direction / Distance ESE 1/2 - 1 (0.807 mi.)	<u>Map I</u> D	Page 20	

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Leaking Underground Storage Tank (LUST) Database.

A review of the LUST list, as provided by EDR, and dated 11/19/2010 has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL SPEED-D-MART #1400 Facility Status: Open Facility Status: Open	1780 CLINTON RD	SE 1/8 - 1/4 (0.158 mi.)	A2	9
TARGET CORP Facility Status: Closed	1610 N WEST AVE	SE 1/4 - 1/2 (0.271 mi.)	4	12
JOHN LEFERE Facility Status: Closed Facility Status: Closed	1314 N WEST AVE	SSE 1/4 - 1/2 (0.434 mi.)	5	13
HOME DEPOT USA INC Facility Status: Open	1400 W MONROE ST	SW 1/4 - 1/2 (0.442 mi.)	B6	15

Lower Elevation	Address	Direction / Distance	Map ID	Page
TEXACO (FORMER) Facility Status: Closed	2110 HOLIDAY INN DR	NNW 1/4 - 1/2 (0.490 mi.)	8	19
Facility Status: Closed				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Michigan UST database.

A review of the UST list, as provided by EDR, and dated 11/19/2010 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WALTERS DIMMICK PETROLEUM	1780 CLINTON RD	SE 1/8 - 1/4 (0.158 mi.)	A1	7

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

BEA: Baseline Environmental Assessment.

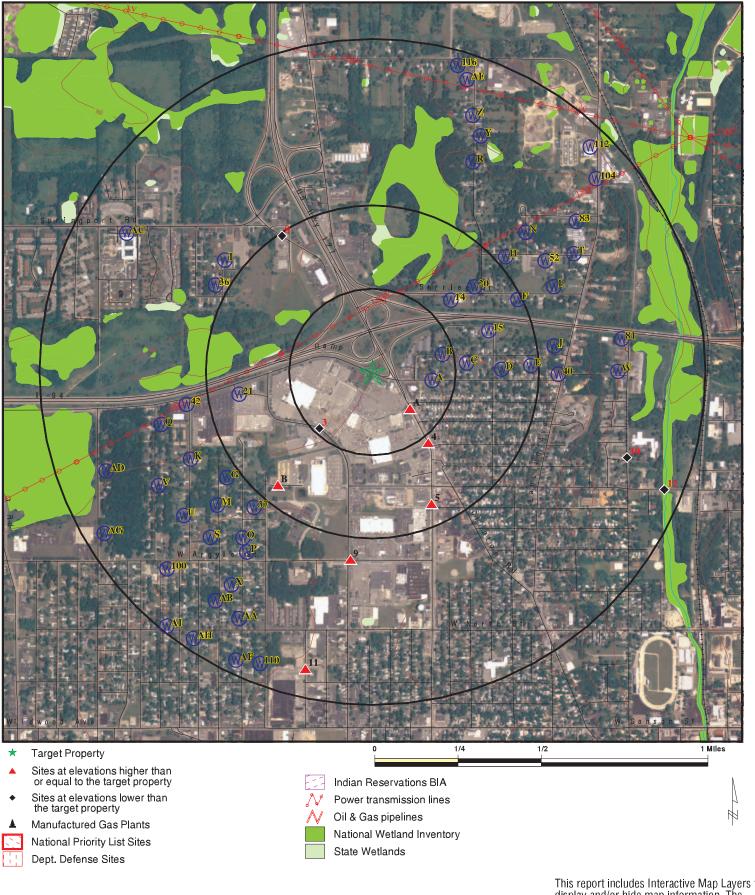
A review of the BEA list, as provided by EDR, and dated 11/24/2010 has revealed that there is 1 BEA site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1400 W MONROE	SW 1/4 - 1/2 (0.442 mi.)	B7	18

Due to poor or inadequate address information, the following sites were not mapped. Count: 22 records.

Site Name COUNTY OF JACKSON SWF/LF, WDS, HIST LF, FINANCIAL **ASSURANCE** ASPEN WAY RESIDENTIAL WELL SHWS JACKSON CO RD COMM BRILLS LK RD SHWS CONSUMERS ENERGY HDQS PROJ ACT 381 SHWS 7109 MICHIGAN AVE SHWS GRAND RIVER CAP REMOVAL PROJECT SHWS AIRPORT SANITARY LF SHWS 717 WOODWORTH RD SHWS CONRAIL MILL ST SHWS BLACKMAN TOWNSHIP TAR SPILL **CERCLIS** MOORMAN DRIVE MERCURY SPILL **CERCLIS** GRAND RIVER CAP PROJECT **BROWNFIELDS** LUST, UST **BUDDY INVESTMENT #5** SOUTH HAVEN CONFERENCE CENTER LUST, UST RCRA-NonGen, FINDS MI DEPT/TRANSPORTATION MI DEPT/TRANSPORTATION RCRA-CESQG FEDEX FREIGHT RCRA-CESQG MI DEPT/TRANSPORTATION RCRA-CESQG MI DEPT/TRANSPORTATION RCRA-CESQG MI DEPT/TRANSPORTATION RCRA-CESQG MID-CITY REALTY **US BROWNFIELDS** NE CORNER OF ARGYLE & WISNER BEA

OVERVIEW MAP - 2990959.2s



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Country Hearth Inn ADDRESS: 1111 Boardman

Jackson MI 49202 LAT/LONG: 42.2702 / 84.4269 Envirologic Technologies, Inc.

CLIENT: CONTACT: Matt Tanis INQUIRY#: 2990959.2s

February 14, 2011 5:20 pm DATE:

DETAIL MAP - 2990959.2s



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Country Hearth Inn ADDRESS: 1111 Boardman

Jackson MI 49202 LAT/LONG: 42.2702 / 84.4269 Envirologic Technologies, Inc.

CLIENT: CONTACT: Matt Tanis INQUIRY#: 2990959.2s

February 14, 2011 5:21 pm DATE:

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted		
STANDARD ENVIRONMENT	AL RECORDS									
Federal NPL site list	Federal NPL site list									
NPL Proposed NPL NPL LIENS		1.000 1.000 TP	0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0		
Federal Delisted NPL site	e list									
Delisted NPL		1.000	0	0	0	0	NR	0		
Federal CERCLIS list										
CERCLIS FEDERAL FACILITY		0.500 1.000	0 0	0 0	0 0	NR 0	NR NR	0 0		
Federal CERCLIS NFRAF	site List									
CERC-NFRAP		0.500	0	0	0	NR	NR	0		
Federal RCRA CORRACT	TS facilities li	st								
CORRACTS		1.000	0	0	0	0	NR	0		
Federal RCRA non-CORI	RACTS TSD fa	acilities list								
RCRA-TSDF		0.500	0	0	0	NR	NR	0		
Federal RCRA generator	s list									
RCRA-LQG RCRA-SQG RCRA-CESQG		0.250 0.250 0.250	0 0 0	0 0 1	NR NR NR	NR NR NR	NR NR NR	0 0 1		
Federal institutional con- engineering controls reg										
US ENG CONTROLS US INST CONTROL		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0		
Federal ERNS list										
ERNS		TP	NR	NR	NR	NR	NR	0		
State- and tribal - equiva	lent CERCLIS	3								
SHWS		1.000	0	0	0	4	NR	4		
State and tribal landfill a solid waste disposal site										
SWF/LF		0.500	0	0	0	NR	NR	0		
State and tribal leaking s	torage tank li	ists								
LUST INDIAN LUST		0.500 0.500	0 0	1 0	4 0	NR NR	NR NR	5 0		
State and tribal registere	d storage tan	ık lists								
UST		0.250	0	1	NR	NR	NR	1		

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST INDIAN UST FEMA UST		0.250 0.250 0.250	0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
State and tribal institutional control / engineering control registries								
AUL		0.500	0	0	0	NR	NR	0
State and tribal voluntary	y cleanup site	es						
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfie	elds sites							
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORDS	S						
		_						
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
ODI DEBRIS REGION 9 SWRCY HIST LF INDIAN ODI		0.500 0.500 0.500 0.500 0.500	0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0
Local Lists of Hazardous Contaminated Sites	s waste /							
US CDL DEL SHWS CDL US HIST CDL		TP 1.000 TP TP	NR 0 NR NR	NR 0 NR NR	NR 0 NR NR	NR 0 NR NR	NR NR NR NR	0 0 0 0
Local Land Records								
LIENS 2 LUCIS LIENS		TP 0.500 TP	NR 0 NR	NR 0 NR	NR 0 NR	NR NR NR	NR NR NR	0 0 0
Records of Emergency F	Release Repo	rts						
HMIRS SPILLS		TP TP	NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Other Ascertainable Rec	ords							
RCRA-NonGen DOT OPS DOD FUDS CONSENT ROD		0.250 TP 1.000 1.000 1.000 1.000	0 NR 0 0 0	0 NR 0 0 0	NR NR 0 0 0	NR NR 0 0 0	NR NR NR NR NR NR	0 0 0 0 0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS RADINFO		TP TP	NR NR	NR NR	NR NR	NR NR	NR NR	0 0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
WDS		TP	NR	NR	NR	NR	NR	ő
DRYCLEANERS		0.250	0	0	NR	NR	NR	Ő
NPDES		TP	NR	NR	NR	NR	NR	Ö
AIRS		TP	NR	NR	NR	NR	NR	0
BEA		0.500	0	0	1	NR	NR	1
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECOR	<u>IDS</u>							
EDR Proprietary Records	;							
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

Elevation Site Database(s) EPA ID Number

A1 WALTERS DIMMICK PETROLEUM UST U003832901
SE 1780 CLINTON RD N/A

SE 1780 CLINTON RD 1/8-1/4 JACKSON, MI 49068

0.158 mi.

834 ft. Site 1 of 2 in cluster A

Relative:

UST:

Higher Facility ID: 00010087 Facility Type: ACTIVE

 Actual:
 Latitude:
 42.2685320000

 995 ft.
 Longitude:
 -84.4248060000

Owner Name: Walters Dimmick Petroleum
Owner Address: 1620 S Kalamazoo Ave
Owner City,St,Zip: Marshall, MI 49068

Owner Country: USA Owner Contact: Not reported (269) 781-4654 Owner Phone: Terry Dale Contact: Contact Phone: (616) 781-4654 01-11-2001 Date of Collection: Accuracy: 100 Accuracy Value Unit: FEET Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Removed from Ground

Capacity: 4000 Install Date: Apr 11 1962 Gasoline Product: Remove Date: Oct 9 2001 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Not reported Piping Material: Piping Type: Not reported Constr Material: Not reported

Impressed Device: No

Tank ID: 2

Tank Status: Removed from Ground

Capacity: 4000
Install Date: Apr 11 1962
Product: Gasoline
Remove Date: Oct 9 2001

Tank Release Detection: Automatic Tank Gauging, Inventory Control

Pipe Realease Detection: Automatic Line Leak Detectors, Line Tightness Testing

Piping Material: Fiberglass reinforced plastic

Piping Type: Pressure

Constr Material: Asphalt Coated or Bare Steel, Lined Interier

Impressed Device: No

Tank ID: 3

Tank Status: Removed from Ground

Capacity: 4000

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

WALTERS DIMMICK PETROLEUM (Continued)

U003832901

EDR ID Number

Install Date: Apr 11 1962
Product: Gasoline
Remove Date: Oct 9 2001
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Not reported
Piping Type: Not reported
Constr Material: Not reported

Impressed Device:

Tank ID:

Tank Status: Currently In Use

Capacity: 9500
Install Date: Apr 11 1981
Product: Gasoline
Remove Date: Not reported

Tank Release Detection: Automatic Tank Gauging, Inventory Control

Pipe Realease Detection: Automatic Line Leak Detectors, Line Tightness Testing

Piping Material: Fiberglass reinforced plastic

No

Piping Type: Pressure

Constr Material: Fiberglass Reinforced plastic

Impressed Device: No

Tank ID: 5

Tank Status: Removed from Ground

Capacity: 4000
Install Date: Apr 11 1962
Product: Gasoline
Remove Date: Oct 9 2001

Tank Release Detection: Automatic Tank Gauging, Inventory Control

Pipe Realease Detection: Automatic Line Leak Detectors, Line Tightness Testing

Piping Material: Fiberglass reinforced plastic

Piping Type: Pressure

Constr Material: Asphalt Coated or Bare Steel, Lined Interier

Impressed Device: No

Tank ID: 6

Tank Status: Removed from Ground

Capacity: 4000
Install Date: Apr 11 1962
Product: Gasoline
Remove Date: Oct 9 2001

Tank Release Detection: Automatic Tank Gauging, Inventory Control

Pipe Realease Detection: Automatic Line Leak Detectors, Line Tightness Testing

Piping Material: Fiberglass reinforced plastic

Piping Type: Pressure

Constr Material: Asphalt Coated or Bare Steel, Lined Interier

Impressed Device: No

Tank ID: 7

Tank Status: Removed from Ground

Capacity: 4000 Install Date: Apr 11 1962

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

WALTERS DIMMICK PETROLEUM (Continued)

U003832901

Product: Diesel Remove Date: Oct 9 2001

Tank Release Detection: Automatic Tank Gauging, Inventory Control

Pipe Realease Detection: Automatic Line Leak Detectors, Line Tightness Testing

Piping Material: Fiberglass reinforced plastic

Piping Type: Pressure

Constr Material: Asphalt Coated or Bare Steel, Lined Interier

Impressed Device: No

Tank ID:

Tank Status: **Currently In Use**

30000 Capacity: Install Date: Oct 1 2001 Product: Gasoline Remove Date: Not reported

Tank Release Detection: Automatic Tank Gauging, Inventory Control

Pipe Realease Detection: Line Tightness Testing Piping Material: Double Walled, APT FLEXIBLE

Piping Type: Pressure

Constr Material: Double Walled, Fiberglass Reinforced plastic

Impressed Device: No

SHELL SPEED-D-MART #1400 LUST S105213478 A2 SE 1780 CLINTON RD N/A

1/8-1/4 JACKSON, MI 49068

0.158 mi.

834 ft. Site 2 of 2 in cluster A

LUST: Relative:

Higher Facility ID: 00010087

Source: STATE OF MICHIGAN Actual: Owner Name: Walters Dimmick Petroleum 995 ft. Owner Address: 1620 S Kalamazoo Ave Owner City, St, Zip: Marshall, MI 49068 Not reported Owner Contact:

> Owner Phone: (269) 781-4654 Country: USA

District: Jackson District Office Shell Speed-d-mart Site Name: Latitude: 42.2685320000 Longitude: -84.4248060000 Date of Collection: 01-11-2001

Method of Collection: Address Matching-House Number

Accuracy: 100 Accuracy Value Unit: **FEET** NAD83 Horizontal Data: Point Line Area: **POINT**

Desc Category: Plant Entrance (Freight)

Leak Number: C-1303-01 Release Date: Oct 10 2001

Gasoline, Gasoline, Gasoline, Gasoline, Diesel Substance Released:

Release Status: Open Release Closed Date: Not reported

Leak Number: C-2148-91 Release Date: Oct 15 1991

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

SHELL SPEED-D-MART #1400 (Continued)

Substance Released: Unknown Release Status: Open Release Closed Date: Not reported

THE SHERWIN WILLIAMS CO RCRA-CESQG 1004722583

SW 1605 N WISNER ST 1/8-1/4 JACKSON, MI 49202

0.233 mi. 1228 ft.

RCRA-CESQG: Relative:

Date form received by agency: 08/18/1980 Lower

THE SHERWIN WILLIAMS CO Facility name: Actual: Facility address: 1605 N WISNER ST

977 ft. JACKSON, MI 49202

> EPA ID: MID000722769 Contact: BRUCE FLIPPO Contact address: 1605 N WISNER ST

JACKSON, MI 49202

Contact country: Not reported Contact telephone: (517) 787-8113 Contact email: Not reported

EPA Region:

Classification: Conditionally Exempt Small Quantity Generator

Handler: generates 100 kg or less of hazardous waste per calendar Description: month, and accumulates 1000 kg or less of hazardous waste at any time;

or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

hazardous waste

Owner/Operator Summary:

SHERWIN WILLIAMS CO Owner/operator name:

Owner/operator address: Not reported Not reported

Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner

Owner/Op start date: 01/01/1970 Owner/Op end date: Not reported

Owner/operator name: SHERWIN WILLIAMS CO

Owner/operator address: Not reported

Not reported Not reported

Owner/operator country: Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 01/01/1970

S105213478

MID000722769

FINDS

Direction Distance

Elevation Site Database(s) EPA ID Number

THE SHERWIN WILLIAMS CO (Continued)

1004722583

EDR ID Number

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No No Used oil fuel burner: Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats

Accumulated waste on-site: No Generated waste on-site: No

Waste type: DEVICES CONTAINING ELEMENTAL MERCURY

Accumulated waste on-site: No Generated waste on-site: No

Waste type: MERCURY THERMOMETERS

Accumulated waste on-site: No Generated waste on-site: No

Waste type: MERCURY SWITCHES

Accumulated waste on-site: No Generated waste on-site: No

Violation Status: No violations found

FINDS:

Registry ID: 110003576577

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

THE SHERWIN WILLIAMS CO (Continued)

1004722583

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TARGET CORP LUST U000255910 SE 1610 N WEST AVE UST N/A

1/4-1/2 0.271 mi. 1432 ft.

LUST: Relative:

Facility ID: 00018792 Higher

JACKSON, MI 55403

STATE OF MICHIGAN Source:

Actual: Owner Name: **Target Corp** 997 ft.

Owner Address: 1000 NICOLLET MALL TPN-10E MINNEAPOLIS, MN 55403 Owner City,St,Zip:

Owner Contact: Not reported Owner Phone: 612-761-1415

Country: USA

Jackson District Office District: Coca Cola Bottling(former) #1 Site Name:

Latitude: 42.2675960000 -84.4238190000 Lonaitude: Date of Collection: 10-05-2004

Method of Collection: Address Matching-House Number

100 Accuracy: Accuracy Value Unit: **FEET** Horizontal Data: NAD83 Point Line Area: **POINT**

Plant Entrance (Freight) Desc Category:

C-2345-90 Leak Number: Release Date: Oct 4 1990 Substance Released: Not reported Release Status: Closed Release Closed Date: Nov 16 1990

UST:

Facility ID: 00018792 Facility Type: CLOSED Latitude: 42.2675960000 Longitude: -84.4238190000 Owner Name: **Target Corp**

Owner Address: 1000 NICOLLET MALL TPN-10E

Owner City, St, Zip: MINNEAPOLIS, MN 55403 Owner Country: USA

Owner Contact: Not reported Owner Phone: 612-761-1415 DAVID A LUICK Contact: Contact Phone: 6127611415 Date of Collection: 10-05-2004 Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Datum: NAD83

STATE OF MICHIGAN Source:

Direction Distance

Elevation Site Database(s) EPA ID Number

TARGET CORP (Continued)

U000255910

EDR ID Number

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Removed from Ground

Capacity: 6000
Install Date: Apr 22 1983
Product: Diesel
Remove Date: Nov 1 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 6000
Install Date: Apr 22 1983
Product: Gasoline
Remove Date: Nov 1 1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID: 3

Tank Status: Removed from Ground

Capacity: 10000
Install Date: Jan 1 1986
Product: Gasoline
Remove Date: Jul 30 1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel

Piping Type: Suction: No Valve At Tank
Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

JOHN LEFERE LUST U002301562
1314 N WEST AVE UST N/A

SSE 1314 N WEST AVE 1/4-1/2 JACKSON, MI 49202 0.434 mi.

0.434 mi. 2294 ft.

Relative: LUST:

Higher Facility ID: 00010150

Source: STATE OF MICHIGAN

Actual: Owner Name: John Lefere 990 ft. Owner Address: 6531 Imperial Ct

Owner City, St, Zip: Brooklyn, MI 49230-9719

Owner Contact: Not reported

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JOHN LEFERE (Continued)

U002301562

Owner Phone: (517) 750-3626

Country: USA

District: Jackson District Office Site Name: John Lefere Ford Latitude: 42.2644630000 Longitude: -84.4235410000 Date of Collection: 01-11-2001

Method of Collection: Address Matching-House Number

Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Data: NAD83 Point Line Area: **POINT**

Desc Category: Plant Entrance (Freight)

Leak Number: C-1624-94 Dec 19 1994 Release Date: Substance Released: Used Oil Release Status: Closed Release Closed Date: Mar 15 1995

Leak Number: C-2261-90 Release Date: Nov 2 1990 Substance Released: Not reported Release Status: Closed Release Closed Date: Jan 10 1995

UST:

00010150 Facility ID: Facility Type: **CLOSED** Latitude: 42.2644630000 Longitude: -84.4235410000 Owner Name: John Lefere Owner Address: 6531 Imperial Ct

Brooklyn, MI 49230-9719 Owner City, St, Zip:

Owner Country: USA Owner Contact: Not reported Owner Phone: (517) 750-3626 Contact: JOHN LEFERE Contact Phone: (517) 750-3626 Date of Collection: 01-11-2001 Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: **POINT**

Plant Entrance (Freight) Desc Category:

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: **Removed from Ground**

Capacity: 1000 Install Date: May 1 1976 Used Oil Product: Oct 24 1990 Remove Date: Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Galvanized Steel Piping Type: Not reported

MAP FINDINGS Map ID Direction

Distance

Elevation Site Database(s) **EPA ID Number**

JOHN LEFERE (Continued) U002301562

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Removed from Ground Tank Status:

Capacity: 1000 Install Date: May 1 1976 Product: MOTOR OIL Remove Date: Oct 24 1990 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Galvanized Steel Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Removed from Ground Tank Status:

1000 Capacity: Install Date: May 1 1976 Product: ATF Remove Date: Oct 24 1990 Tank Release Detection: Not reported

Pipe Realease Detection: Not reported Galvanized Steel Piping Material: Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 20000 Install Date: Oct 1 1950 Product: Used Oil Remove Date: Dec 26 1994 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Bare Steel Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: Nο

HOME DEPOT USA INC B6 RCRA-NonGen 1004533226 **FINDS** SW 1400 W MONROE ST MID076351543

1/4-1/2 JACKSON, MI 49202 0.442 mi.

2335 ft. Site 1 of 2 in cluster B

RCRA-NonGen:

Relative: Date form received by agency: 12/31/2002 Higher

Facility name: HOME DEPOT USA INC Actual: Facility address: 1400 W MONROE ST 990 ft. JACKSON, MI 49202

> EPA ID: MID076351543

Mailing address: 39533 WOODWARD AVE

TC2990959.2s Page 15

LUST

EDR ID Number

Direction Distance Elevation

evation Site Database(s) EPA ID Number

HOME DEPOT USA INC (Continued)

1004533226

EDR ID Number

FRANKLIN, MI 48025

Contact: TYLER TENNENT
Contact address: 1400 W MONROE ST

JACKSON, MI 49202

Not reported (269) 344-1230

Contact telephone: (269) 344-12: Contact email: Not reported

EPA Region: 05

Land type: Other land type Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Contact country:

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported

Not reported Not reported

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner/Op start date:

Owner/Op end date:

Not reported

Not reported

Operator

Operator

Othorized

Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported

Not reported

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner

Owner/Op start date:

Owner/Op end date:

Not reported

Owner

Owner

Owner

Not reported

Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Direction Distance

Elevation Site Database(s) EPA ID Number

HOME DEPOT USA INC (Continued)

1004533226

EDR ID Number

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats

Accumulated waste on-site: No Generated waste on-site: No

Waste type: DEVICES CONTAINING ELEMENTAL MERCURY

Accumulated waste on-site: No Generated waste on-site: No

Waste type: MERCURY THERMOMETERS

Accumulated waste on-site: No Generated waste on-site: No

Waste type: MERCURY SWITCHES

Accumulated waste on-site: No Generated waste on-site: No

Historical Generators:

Date form received by agency: 10/14/2001

Facility name: HOME DEPOT USA INC Classification: Not a generator, verified

Date form received by agency: 03/19/2001

Facility name: HOME DEPOT USA INC Classification: Small Quantity Generator

Date form received by agency: 03/28/1991

Facility name: HOME DEPOT USA INC

Classification: Conditionally Exempt Small Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported

Area of violation: Generators - Manifest

Date violation determined: 01/19/2001
Date achieved compliance: 03/20/2001
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 01/19/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 01/16/2001

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Manifest

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

HOME DEPOT USA INC (Continued)

1004533226

Date achieved compliance: 03/20/2001 Evaluation lead agency: State

FINDS:

Registry ID: 110003604207

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

LUST:

Facility ID: 00003383

Source: STATE OF MICHIGAN Owner Name: Jackson Public Schools Owner Address: 1400 W Monroe St Owner City, St, Zip: Jackson, MI 49202-1902

Not reported Owner Contact: Owner Phone: (517) 789-8144

Country: USA

Jackson District Office District: Jackson Public Schools Site Name: Latitude: 42.2653850000 Longitude: -84.4307230000

01-11-2001 Date of Collection:

Method of Collection: Address Matching-House Number

Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Data: NAD83 **POINT** Point Line Area:

Desc Category: Plant Entrance (Freight)

Leak Number: C-2631-90 Release Date: Aug 17 1990 Substance Released: Not reported Release Status: Open Release Closed Date: Not reported

В7 S105767650 BEA N/A

SW **1400 W MONROE**

1/4-1/2 **JACKSON CITY, MI 49202**

0.442 mi.

2335 ft. Site 2 of 2 in cluster B

BEA: Relative:

Secondary Address: Not reported Higher

BEA Number: District:

Actual: Jackson 990 ft. Date Received: 1/2/2003 12:59:00 AM

Submitter Name: Home Depot USA Inc

Petition Determination: No Request

Petition Disclosure:

No Hazardous Substance(s) Category:

Determination 20107A: No Request

Direction Distance

Elevation Site Database(s) EPA ID Number

(Continued) S105767650

Reviewer: aronoffl

Division Assigned: Environmental Response Division

8 TEXACO (FORMER) LUST \$102723144 NNW 2110 HOLIDAY INN DR N/A

1/4-1/2 0.490 mi. 2589 ft.

Lower

Relative: LUST:

Facility ID: 50001663

Source: STATE OF MICHIGAN

Actual: Owner Name: Nrt Owner 964 ft. Owner Address: Unknown

JACKSON, MI 49202

Owner City,St,Zip: Unknown, MI 99999
Owner Contact: Not reported
Owner Phone: Not reported

Country: USA
District: Jackson District Office

Site Name: Texaco Service Station (former)

Latitude: 42.2757080000 Longitude: -84.4314660000 Date of Collection: 01-11-2001

Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number:C-0464-85Release Date:Sep 17 1991Substance Released:Not reportedRelease Status:ClosedRelease Closed Date:Nov 13 1996

Leak Number:C-0465-85Release Date:Jan 1 1985Substance Released:Not reportedRelease Status:ClosedRelease Closed Date:Nov 13 1996

9 JACKSON CITY DUMP-WISNER & ARGYLE

South WISNER & ARGYLE 1/2-1 JACKSON, MI

0.567 mi. 2995 ft.

Relative: SHWS:

Higher Facility ID: 38000349

Facility Status: Evaluation conducted

Actual: Source: Not reported 989 ft. SAM Score: 44

SAM Score: 44
SAM Score Date: 3/7/2007
Township: 02S
Range: 01W
Section: 28

S108632537

N/A

SHWS

EDR ID Number

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

JACKSON CITY DUMP-WISNER & ARGYLE (Continued)

S108632537

SHWS

AST

Quarter: Not reported Quarter/Quarter: Not reported Pollutants: Not reported

10 LIBRA INDUSTRIES INC OF MICHIGAN

CERC-NFRAP 1000352504 **ESE** 1435 N BLACKSTONE ST RCRA-NonGen MID061865754

1/2-1 JACKSON, MI 49202 **FINDS** 0.807 mi. **RAATS**

4260 ft. Relative:

CERC-NFRAP: Lower

0502573 Site ID:

Actual: Federal Facility: Not a Federal Facility 928 ft. NPL Status: Not on the NPL

Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Title: RESPONSIBLE PARTY INVESTIGATOR

Contact Name: JANET PFUNDHELLER

Contact Tel: (312) 353-5821

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: LIBRA IND INC

Alias Address: ADDRESS UNREPORTED

JACKSON, MI 49204

Program Priority:

Description: **Great Lakes**

CERCLIS-NFRAP Assessment History:

DISCOVERY Action: Date Started: Not reported Date Completed: 12/11/1980 Priority Level: Not reported

PRELIMINARY ASSESSMENT Action:

Date Started: Not reported Date Completed: 06/28/1985

Priority Level: Low priority for further assessment

SITE INSPECTION Action: Date Started: Not reported Date Completed: 04/01/1987

Priority Level: NFRAP: No further Remedial Action planned

Action: **ARCHIVE SITE** Date Started: Not reported Date Completed: 09/24/1993 Priority Level: Not reported

Action: SH

Date Started: Not reported 09/24/1993 Date Completed: Priority Level: Not reported

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

LIBRA INDUSTRIES INC OF MICHIGAN (Continued)

1000352504

RCRA-NonGen:

Date form received by agency: 10/27/2009

LIBRA INDUSTRIES INC OF MICHIGAN Facility name:

Facility address: 1435 N BLACKSTONE ST

JACKSON, MI 49202

EPA ID: MID061865754 PO BOX 1105 Mailing address:

JACKSON, MI 49204

Contact: DENNIS ZASKI

1435 N BLACKSTONE ST Contact address:

JACKSON, MI 49202 Not reported

Contact country: (517) 787-5675 Contact telephone: Contact email: Not reported

EPA Region: 05 Land type: Private Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

LIBRA INDUSTRIES INC OF MICHIGAN Owner/operator name:

Owner/operator address: Not reported Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 10/01/1969 Owner/Op end date: Not reported

Owner/operator name: LIBRA INDUSTRIES INC OF MICHIGAN

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 10/01/1969 Owner/Op end date: Not reported

LIBRA INDUSTRIES INC OF MICHIGAN Owner/operator name:

Owner/operator address: Not reported

Not reported Not reported

Owner/operator country: Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 10/01/1969 Owner/Op end date: Not reported

Owner/operator name: LIBRA INDUSTRIES INC OF MICHIGAN

Owner/operator address: Not reported

Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private

Direction Distance

Elevation Site Database(s) EPA ID Number

LIBRA INDUSTRIES INC OF MICHIGAN (Continued)

1000352504

EDR ID Number

Owner/Operator Type: Owner
Owner/Op start date: 10/01/1969
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: Nο Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Off-site waste receiver: Commercial status unknown

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: No

Waste type: Thermostats

Accumulated waste on-site: No Generated waste on-site: No

Historical Generators:

Date form received by agency: 03/01/2008

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN

Classification: Large Quantity Generator

Date form received by agency: 02/12/2008

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN

Classification: Large Quantity Generator

Date form received by agency: 03/20/2006

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN

Classification: Large Quantity Generator

Date form received by agency: 03/01/2006

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN

Classification: Large Quantity Generator

Direction Distance

Elevation Site Database(s) EPA ID Number

LIBRA INDUSTRIES INC OF MICHIGAN (Continued)

1000352504

EDR ID Number

Date form received by agency: 05/06/2005

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN

Classification: Large Quantity Generator

Date form received by agency: 03/01/2004

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN

Classification: Large Quantity Generator

Date form received by agency: 02/16/2004

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN

Classification: Large Quantity Generator

Date form received by agency: 03/01/2002

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN

Classification: Large Quantity Generator

Date form received by agency: 02/13/2002

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN

Classification: Large Quantity Generator

Date form received by agency: 02/10/2000

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN

Classification: Large Quantity Generator

Date form received by agency: 02/08/2000

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN

Classification: Large Quantity Generator

Date form received by agency: 01/27/1998

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN

Classification: Large Quantity Generator

Date form received by agency: 02/08/1996

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN Site name: LIBRA INDUSTRIES, INC. OF MICHIGAN

Classification: Large Quantity Generator

Date form received by agency: 09/20/1995

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN

Classification: Large Quantity Generator

Date form received by agency: 02/21/1994

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN Site name: LIBRA INDUSTRIES, INC. OF MICHIGAN

Classification: Large Quantity Generator

Date form received by agency: 02/21/1992

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN

Classification: Large Quantity Generator

Date form received by agency: 02/22/1990

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN

Classification: Large Quantity Generator

Date form received by agency: 08/22/1980

Facility name: LIBRA INDUSTRIES INC OF MICHIGAN

Classification: Large Quantity Generator

Direction Distance Elevation

vation Site Database(s) EPA ID Number

LIBRA INDUSTRIES INC OF MICHIGAN (Continued)

1000352504

EDR ID Number

Biennial Reports:

Last Biennial Reporting Year: 2009

Annual Waste Handled:

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND

1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

SPENT SOLVENT MIXTURES.

Amount (Lbs): 60509.4

Facility Has Received Notices of Violations:

Regulation violated:

Not reported

Area of violation: Generators - Pre-transport

Date violation determined: 08/14/2008 Date achieved compliance: Not reported Violation lead agency: State Enforcement action: Not reported Not reported Enforcement action date: Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: Not reported Not reported Proposed penalty amount: Final penalty amount: Not reported

Regulation violated: Not reported

Paid penalty amount:

Area of violation: TSD IS-Air Emission Standards - Tank/SI/Container

Not reported

Date violation determined: 09/09/2003 Date achieved compliance: 05/01/2004 Violation lead agency: EPA

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 01/14/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final populty amount: Not reported

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General

Date violation determined: 09/09/2003
Date achieved compliance: 05/01/2004
Violation lead agency: EPA

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 01/14/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA

Map ID MAP FINDINGS Direction

Distance

Elevation Site Database(s) **EPA ID Number**

LIBRA INDUSTRIES INC OF MICHIGAN (Continued)

1000352504

EDR ID Number

Proposed penalty amount: Not reported Not reported Final penalty amount: Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: TSD - Incinerator Standards

09/09/2003 Date violation determined: Date achieved compliance: 05/01/2004 Violation lead agency: **EPA**

WRITTEN INFORMAL Enforcement action:

01/14/2004 Enforcement action date: Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: **EPA** Proposed penalty amount: Not reported

Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Generators - General

Date violation determined: 12/20/1990 Date achieved compliance: 12/03/1991 Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 01/16/1991 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported Final penalty amount: Not reported

Not reported Paid penalty amount:

Regulation violated: Not reported Area of violation: Generators - General

Date violation determined: 02/04/1987 Date achieved compliance: 12/03/1991 Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 03/02/1987 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported Not reported

Final penalty amount: Paid penalty amount: Not reported

Regulation violated: Not reported Area of violation: Generators - General

Date violation determined: 03/04/1986 01/09/1987 Date achieved compliance: Violation lead agency: State

Enforcement action: INITIAL 3008(A) COMPLIANCE

Enforcement action date: 07/18/1986 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: **EPA** Proposed penalty amount:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

LIBRA INDUSTRIES INC OF MICHIGAN (Continued)

1000352504

Final penalty amount: 5250 Paid penalty amount: Not reported

Regulation violated: Not reported Area of violation: Generators - General

Date violation determined: 03/04/1986 Date achieved compliance: 01/09/1987 Violation lead agency: State

FINAL 3008(A) COMPLIANCE ORDER Enforcement action:

Enforcement action date: 07/18/1986 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: **EPA** Proposed penalty amount: 5250 Final penalty amount: 5250 Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Generators - General

Date violation determined: 12/04/1985 Date achieved compliance: 01/09/1987 Violation lead agency: State

WRITTEN INFORMAL Enforcement action:

Enforcement action date: 01/17/1986 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: Not reported Area of violation: Generators - General

Date violation determined: 12/04/1985 01/09/1987 Date achieved compliance: Violation lead agency: State

WRITTEN INFORMAL Enforcement action:

Enforcement action date: 12/18/1985 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Regulation violated: Not reported

Area of violation: Generators - General

Date violation determined: 09/18/1985 Date achieved compliance: 01/09/1987 Violation lead agency: State

WRITTEN INFORMAL Enforcement action:

Enforcement action date: 09/30/1985 Enf. disposition status: Not reported Enf. disp. status date: Not reported Enforcement lead agency: State Proposed penalty amount: Not reported Final penalty amount: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

LIBRA INDUSTRIES INC OF MICHIGAN (Continued)

1000352504

EDR ID Number

Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 08/14/2008

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - Pre-transport

Date achieved compliance: Not reported Evaluation lead agency: State

Evaluation date: 09/09/2003

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: TSD - Incinerator Standards

Date achieved compliance: 05/01/2004 Evaluation lead agency: EPA

Evaluation date: 09/09/2003

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE Area of violation: TSD IS-Air Emission Standards - Tank/SI/Container

Date achieved compliance: 05/01/2004 Evaluation lead agency: EPA

Evaluation date: 09/09/2003

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 05/01/2004 Evaluation lead agency: EPA

Evaluation date: 09/28/2000

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 09/30/1997

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported Evaluation lead agency: State

Evaluation date: 03/20/1996

Evaluation: FOCUSED COMPLIANCE INSPECTION

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 09/15/1995

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

Evaluation date: 12/20/1990

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 12/03/1991 Evaluation lead agency: State

Direction Distance Elevation

vation Site Database(s) EPA ID Number

LIBRA INDUSTRIES INC OF MICHIGAN (Continued)

1000352504

EDR ID Number

Evaluation date: 02/04/1987

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 12/03/1991 Evaluation lead agency: State

Evaluation date: 03/04/1986

Evaluation: COMPLIANCE SCHEDULE EVALUATION

Area of violation: Generators - General

Date achieved compliance: 01/09/1987 Evaluation lead agency: State

Evaluation date: 12/04/1985

Evaluation: COMPLIANCE SCHEDULE EVALUATION

Area of violation: Generators - General

Date achieved compliance: 01/09/1987 Evaluation lead agency: State

Evaluation date: 09/18/1985

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: 01/09/1987 Evaluation lead agency: State

FINDS:

Registry ID: 110000856841

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SHWS:

Facility ID: 38000021

Facility Status: Interim Response in progress

Source: Not reported

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

LIBRA INDUSTRIES INC OF MICHIGAN (Continued)

1000352504

SAM Score: 21 SAM Score Date: 7/1/2005 Township: 02S Range: 01W Section: 27 SE Quarter: Quarter/Quarter: NW

Pollutants: PCE; Xylenes

AST:

ACTIVE Type:

Owner Name: LIBRA INDUSTRIES INC OF MICHIGAN

Owner Address: 1435 N BLACKSTONE ST Owner City, St, Zip: JACKSON, MI 49204-1105

Owner County: USA Owner Contact: Not reported Owner Telephone: (517) 787-5675 Facility ID: 91038546

District: Jackson District Office

Contact: Ric Carroll Facility Phone: (517) 787-5675 42.2654680000 Tank ID: Tank Status: Not reported Not reported Capacity: Not reported Install Date: Close Date: Not reported Not reported Content: Latitude: Not reported -84.4117050000 Longitude: 01-11-2001 Date of Collection: 100 Accuracy: Accuracy Value Unit: **FEET**

Horizontal Datum: NAD83 Not reported Source: Point Line Area: Not reported Description of Category: Not reported Not reported Method of Collection:

ACTIVE Type:

LIBRA INDUSTRIES INC OF MICHIGAN Owner Name:

Owner Address: 1435 N BLACKSTONE ST Owner City, St, Zip: JACKSON, MI 49204-1105

Owner County: USA Owner Contact: Not reported (517) 787-5675 Owner Telephone: Facility ID: 91038546

Jackson District Office District:

Ric Carroll Contact: Facility Phone: (517) 787-5675 Tank ID: 42.2654680000 Tank Status: Not reported Capacity: Not reported Install Date: Not reported Close Date: Not reported Not reported Content: Latitude: Not reported -84.4117050000 Longitude:

Direction Distance Elevation

on Site Database(s) EPA ID Number

LIBRA INDUSTRIES INC OF MICHIGAN (Continued)

1000352504

EDR ID Number

Date of Collection: 01-11-2001 100 Accuracy: Accuracy Value Unit: **FEET** Horizontal Datum: NAD83 Source: Not reported Not reported Point Line Area: Not reported Description of Category: Method of Collection: Not reported

Type: ACTIVE

Owner Name: LIBRA INDUSTRIES INC OF MICHIGAN

Owner Address: 1435 N BLACKSTONE ST Owner City,St,Zip: JACKSON, MI 49204-1105

Owner County: USA
Owner Contact: Not reported
Owner Telephone: (517) 787-5675
Facility ID: 91038546

District: Jackson District Office

Contact: Ric Carroll Facility Phone: (517) 787-5675 Tank ID: 42.2654680000 Tank Status: Not reported Not reported Capacity: Install Date: Not reported Close Date: Not reported Content: Not reported Latitude: Not reported Longitude: -84.4117050000 Date of Collection: 01-11-2001 100 Accuracy: FEET

Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: Not reported
Point Line Area: Not reported
Description of Category: Not reported
Method of Collection: Not reported

Type: ACTIVE

Owner Name: LIBRA INDUSTRIES INC OF MICHIGAN

Owner Address: 1435 N BLACKSTONE ST Owner City,St,Zip: JACKSON, MI 49204-1105

Owner County: USA
Owner Contact: Not reported
Owner Telephone: (517) 787-5675
Facility ID: 91038546

District: Jackson District Office

Contact: Ric Carroll Facility Phone: (517) 787-5675 Tank ID: 42.2654680000 Tank Status: Not reported Capacity: Not reported Install Date: Not reported Close Date: Not reported Content: Not reported Latitude: Not reported -84.4117050000 Lonaitude: Date of Collection: 01-11-2001

Direction Distance

Elevation Site Database(s) EPA ID Number

LIBRA INDUSTRIES INC OF MICHIGAN (Continued)

1000352504

EDR ID Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: Not reported
Point Line Area: Not reported
Description of Category: Not reported
Method of Collection: Not reported

Type: ACTIVE

Owner Name: LIBRA INDUSTRIES INC OF MICHIGAN

Owner Address: 1435 N BLACKSTONE ST Owner City,St,Zip: JACKSON, MI 49204-1105

Owner County: USA

Owner Contact: Not reported
Owner Telephone: (517) 787-5675
Facility ID: 91038546

District: Jackson District Office

Contact: Ric Carroll Facility Phone: (517) 787-5675 42.2654680000 Tank ID: Tank Status: Not reported Capacity: Not reported Install Date: Not reported Close Date: Not reported Content: Not reported Latitude: Not reported Longitude: -84.4117050000 Date of Collection: 01-11-2001

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: Not reported
Point Line Area: Not reported
Description of Category: Not reported
Method of Collection: Not reported

INDUSTRIAL SCREW PRODUCTS INC

SSW 825 CARROLL AVE 1/2-1 JACKSON, MI 49202

0.914 mi. 4826 ft.

11

Relative: SHWS:

Higher Facility ID: 38000325

Facility Status: Interim Response in progress

Actual: Source: Fabricated Metal Products 995 ft. SAM Score: 24

 SAM Score Date:
 6/3/2004

 Township:
 02S

 Range:
 01W

 Section:
 33

 Quarter:
 SW

 Quarter/Quarter:
 NE

 Pollutants:
 PCE; TCE

LUST:

Facility ID: 00035826

SHWS

LUST

UST

BEA

U000715436

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

INDUSTRIAL SCREW PRODUCTS INC (Continued)

STATE OF MICHIGAN

Source: STATE OF MICHIGAN
Owner Name: Industrial Screw Products Inc

Owner Address: 825 Carroll Ave

Owner City,St,Zip: Jackson, MI 49202-3142

Owner Contact: Not reported Owner Phone: (734) 282-7769

Country: USA

District: Jackson District Office
Site Name: Industrial Screw Products Inc

Latitude: 42.2572320000 Longitude: -84.4305910000 Date of Collection: 01-11-2001

Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number: C-0041-97
Release Date: Jan 27 1997
Substance Released: Unknown
Release Status: Closed
Release Closed Date: Apr 30 1997

UST:

 Facility ID:
 00035826

 Facility Type:
 CLOSED

 Latitude:
 42.2572320000

 Longitude:
 -84.4305910000

Owner Name: Industrial Screw Products Inc

Owner Address: 825 Carroll Ave

Owner City, St, Zip: Jackson, MI 49202-3142

Owner Country: USA

Owner Contact: Not reported Owner Phone: (734) 282-7769 JOE BARS Contact: Contact Phone: (734) 282-7769 Date of Collection: 01-11-2001 Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Closed in Ground

Capacity: 6000
Install Date: Jan 1 1978
Product: NEW/OIL
Remove Date: Jan 27 1997
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Bare Steel

Piping Type: Suction: Valve at Tank
Constr Material: Asphalt Coated or Bare Steel

EDR ID Number

U000715436

Direction Distance

Elevation Site Database(s) EPA ID Number

INDUSTRIAL SCREW PRODUCTS INC (Continued)

U000715436

EDR ID Number

Impressed Device: No

BEA:

Secondary Address: Not reported 460 District: Jackson

Date Received: 6/2/2003 12:59:00 AM

Submitter Name: Karen Askins Petition Determination: No Request

Petition Disclosure: 0

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: aronoffl

Division Assigned: Environmental Response Division

Secondary Address: Not reported BEA Number: 449
District: Jackson

Date Received: 4/22/2003 12:59:00 AM
Submitter Name: Micromatic Screw Products

Petition Determination: Pending Petition Disclosure: 1

Category: Same Hazardous Substance(s)

Determination 20107A: No Request Reviewer: englishc

Division Assigned: Storage Tank Division

Secondary Address: Not reported

BEA Number: 3
District: Jackson
Date Received: 8/31/1995

Submitter Name: Horizon Properties/Horizon Technology

Petition Determination: None

Petition Disclosure:

Category: Same Hazardous Substance(s)

Determination 20107A: Pending Reviewer: temppm

Division Assigned: Environmental Response Division

 12
 SAM'S IRON & METAL
 SHWS 1001966540

 ESE
 212 WEST MONROE
 N/A

0.945 mi. 4992 ft.

1/2-1

Relative: SHWS:

Lower Facility ID: 38000180

JACKSON, MI 49202

Facility Status: Interim Response in progress
Actual: Source: Scrap & Waste Materials

920 ft. SAM Score: Scrap & Waste Materials

SAM Score: 20
SAM Score Date: 6/1/2004
Township: 02S
Range: 01W
Section: 27
Quarter: SE
Quarter/Quarter: NW
Pollutants: Metals

Count: 22 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BLACKMAN TOWNSHIP	1007117427	BLACKMAN TOWNSHIP TAR SPILL	INTERSECTION OF INTERSTATE 94	49201	CERCLIS
JACKSON	1012180867	MI DEPT/TRANSPORTATION	US 127 UNDER M50 MCDEVITT RD	49201	RCRA-CESQG
JACKSON	1000342597	MI DEPT/TRANSPORTATION	I 94 UNDER I 94 BL SB	49201	RCRA-NonGen, FINDS
JACKSON	1010417135	MOORMAN DRIVE MERCURY SPILL	318 AND 320 MOORMAN DRIVE	49202	CERCLIS
JACKSON	1007099752	FEDEX FREIGHT	200 ANDREW PARK DR	49202	RCRA-CESQG
JACKSON	S110126654	ASPEN WAY RESIDENTIAL WELL	ASPEN WAY		SHWS
JACKSON	S108417443	GRAND RIVER CAP PROJECT	BETWEEN HOLTON DM & N OF LOUI		BROWNFIELDS
JACKSON	S103595011	JACKSON CO RD COMM BRILLS LK RD	BRILLS LAKE	49202	SHWS
JACKSON	U000255911	BUDDY INVESTMENT #5	1612 CLINTON RD	49201	LUST, UST
JACKSON	S105966284		NE CORNER OF ARGYLE & WISNER	49202	BEA
JACKSON	S105212143	COUNTY OF JACKSON	DALTON RD		SWF/LF, WDS, HIST LF, FINANCIAL
					ASSURANCE
JACKSON	S108632535	CONSUMERS ENERGY HDQS PROJ ACT 381	FRANCIS ST	49201	SHWS
JACKSON	1007098810	MI DEPT/TRANSPORTATION	I-94BL,US-127BR,M-50 GRAND RIV	49201	RCRA-CESQG
JACKSON	1012172748	MID-CITY REALTY	307 LIBERTY ST, 214 E. LOUIS G	49201	US BROWNFIELDS
JACKSON	S108632543	7109 MICHIGAN AVE	71097113 MICHIGAN AVE	49201	SHWS
JACKSON	S110300607	GRAND RIVER CAP REMOVAL PROJECT	N OF LOUIS GLICK TO HOLTON DM	49201	SHWS
JACKSON	1007096430	MI DEPT/TRANSPORTATION	I-94 UNDER ELM ROAD	49201	RCRA-CESQG
JACKSON	1000348844	AIRPORT SANITARY LF	WOODVILLE RD	49202	SHWS
JACKSON	S108632544	717 WOODWORTH RD	717 WOODWORTH RD	49202	SHWS
KALAMAZOO	1000951411	CONRAIL MILL ST	BOTSFORD YARD MILL ST	49201	SHWS
LEONI TOWNSHIP	1007100238	MI DEPT/TRANSPORTATION	I-94 UNDER WHIPPLE RD	49201	RCRA-CESQG
SOUTH HAVEN	1004929660	SOUTH HAVEN CONFERENCE CENTER	410 ADAMS ROAD BLUE STAR HWY	49201	LUST, UST

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/31/2010 Source: EPA
Date Data Arrived at EDR: 01/13/2011 Telephone: N/A

Number of Days to Update: 15 Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/31/2010 Source: EPA
Date Data Arrived at EDR: 01/13/2011 Telephone: N/A

Date Made Active in Reports: 01/28/2011 Last EDR Contact: 01/13/2011

Number of Days to Update: 15 Next Scheduled EDR Contact: 04/25/2011
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA Telephone: 202-564-4267

Last EDR Contact: 02/14/2011

Next Scheduled EDR Contact: 05/30/2011 Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the

NPL where no further response is appropriate.

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 15

Source: EPA Telephone: N/A

Last EDR Contact: 01/13/2011

Next Scheduled EDR Contact: 04/25/2011 Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/30/2010 Date Data Arrived at EDR: 10/01/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 119

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 12/30/2010

Next Scheduled EDR Contact: 04/11/2011 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realianment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPAa??'s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2009 Date Data Arrived at EDR: 01/15/2010 Date Made Active in Reports: 02/10/2010

Number of Days to Update: 26

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 01/11/2011

Next Scheduled EDR Contact: 04/25/2011 Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009 Date Data Arrived at EDR: 09/02/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 19

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 12/01/2010

Next Scheduled EDR Contact: 03/14/2011 Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/25/2010 Date Data Arrived at EDR: 06/02/2010 Date Made Active in Reports: 10/04/2010

Number of Days to Update: 124

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 02/14/2011

Next Scheduled EDR Contact: 05/30/2011 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 01/06/2011

Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 01/06/2011

Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 01/06/2011

Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 01/06/2011

Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/05/2011 Date Data Arrived at EDR: 01/14/2011 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 14

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 12/10/2010

Next Scheduled EDR Contact: 03/28/2011 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/05/2011 Date Data Arrived at EDR: 01/14/2011 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 14

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 12/10/2010

Next Scheduled EDR Contact: 03/28/2011 Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 07/09/2010 Date Data Arrived at EDR: 07/09/2010 Date Made Active in Reports: 08/17/2010

Number of Days to Update: 39

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 01/07/2011

Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Contaminated Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 01/30/2011 Date Data Arrived at EDR: 02/03/2011 Date Made Active in Reports: 02/14/2011

Number of Days to Update: 11

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541 Last EDR Contact: 02/03/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facilities Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/05/2011 Date Data Arrived at EDR: 01/07/2011 Date Made Active in Reports: 02/14/2011

Number of Days to Update: 38

Source: Department of Natural Resources & Environment

Telephone: 517-335-4035 Last EDR Contact: 01/03/2011

Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 11/19/2010 Date Data Arrived at EDR: 11/23/2010 Date Made Active in Reports: 12/23/2010

Number of Days to Update: 30

Source: Department of Natural Resources & Environment

Telephone: 517-373-9837 Last EDR Contact: 11/23/2010

Next Scheduled EDR Contact: 03/07/2011 Data Release Frequency: Annually

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/04/2009 Date Data Arrived at EDR: 05/04/2010 Date Made Active in Reports: 07/07/2010

Number of Days to Update: 64

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/04/2010

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/04/2010 Date Data Arrived at EDR: 11/05/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 84

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 01/31/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/01/2010 Date Data Arrived at EDR: 11/05/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 84

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 02/03/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/12/2010 Date Data Arrived at EDR: 11/12/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 77

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/31/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 11/19/2010 Date Data Arrived at EDR: 11/19/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 70

Source: Environmental Protection Agency Telephone: 415-972-3372

Last EDR Contact: 01/31/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/27/2010 Date Data Arrived at EDR: 08/30/2010 Date Made Active in Reports: 10/04/2010

Number of Days to Update: 35

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 01/31/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/16/2010 Date Data Arrived at EDR: 11/19/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 70

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 01/31/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 11/19/2010 Date Data Arrived at EDR: 11/23/2010 Date Made Active in Reports: 01/20/2011

Number of Days to Update: 58

Source: Department of Natural Resources & Environment

Telephone: 517-335-4035 Last EDR Contact: 11/23/2010

Next Scheduled EDR Contact: 03/07/2011 Data Release Frequency: Annually

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 12/16/2010 Date Data Arrived at EDR: 12/29/2010 Date Made Active in Reports: 02/10/2011

Number of Days to Update: 43

Source: Department of Natural Resources & Environment

Telephone: 517-373-8168 Last EDR Contact: 11/22/2010

Next Scheduled EDR Contact: 03/07/2011 Data Release Frequency: No Update Planned

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/10/2010 Date Data Arrived at EDR: 12/01/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 58

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 01/31/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010 Date Data Arrived at EDR: 02/11/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 60

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 01/31/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/27/2010 Date Data Arrived at EDR: 08/30/2010 Date Made Active in Reports: 10/04/2010

Number of Days to Update: 35

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 01/31/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/19/2010 Date Data Arrived at EDR: 11/19/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 70

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 01/31/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/16/2010 Date Data Arrived at EDR: 11/19/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 70

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 01/31/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/01/2010 Date Data Arrived at EDR: 12/02/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 57

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 02/03/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/12/2010 Date Data Arrived at EDR: 11/12/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 77

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/31/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 09/01/2010 Date Data Arrived at EDR: 11/05/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 84

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 02/03/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Date Data Arrived at EDR: 02/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 01/17/2011

Next Scheduled EDR Contact: 05/02/2011 Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Engineering and Institutional Controls

A listing of sites with institutional and/or engineering controls in place.

Date of Government Version: 01/06/2011 Date Data Arrived at EDR: 01/07/2011 Date Made Active in Reports: 02/14/2011

Number of Days to Update: 38

Source: Department of Natural Resources & Environment

Telephone: 517-373-4828 Last EDR Contact: 12/06/2010

Next Scheduled EDR Contact: 03/21/2011 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 01/05/2010

Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database

All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.

Date of Government Version: 09/27/2010 Date Data Arrived at EDR: 09/28/2010 Date Made Active in Reports: 10/28/2010

Number of Days to Update: 30

Source: Department of Natural Resources & Environment

Telephone: 517-373-4805 Last EDR Contact: 02/14/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations

A listing of brownfield building and land site locations. The listing is a collaborative effort of Michigan Economic Development Corporation, Michigan Economic Developers Association, Detrot Edison, Detroit Area Commercial Board of Realtors

Date of Government Version: 04/09/2007 Date Data Arrived at EDR: 04/10/2007 Date Made Active in Reports: 05/01/2007

Number of Days to Update: 21

Source: Economic Development Corporation

Telephone: 888-522-0103 Last EDR Contact: 12/06/2010

Next Scheduled EDR Contact: 03/21/2011 Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/24/2010 Date Data Arrived at EDR: 06/25/2010 Date Made Active in Reports: 08/17/2010

Number of Days to Update: 53

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 12/30/2010

Next Scheduled EDR Contact: 04/11/2011 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009 Number of Days to Update: 137 Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 12/22/2010

Next Scheduled EDR Contact: 04/11/2011 Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SWRCY: Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 11/24/2009 Date Data Arrived at EDR: 09/30/2010 Date Made Active in Reports: 10/28/2010

Number of Days to Update: 28

Source: Department of Natural Resources & Environment

Telephone: 517-241-5719 Last EDR Contact: 01/07/2011

Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Varies

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997 Date Data Arrived at EDR: 02/28/2003 Date Made Active in Reports: 03/06/2003

Number of Days to Update: 6

Source: Department of Natural Resources & Environment

Telephone: 517-335-4034 Last EDR Contact: 02/28/2003 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 02/08/2011

Next Scheduled EDR Contact: 05/23/2011 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/07/2010 Date Data Arrived at EDR: 06/18/2010 Date Made Active in Reports: 08/17/2010

Number of Days to Update: 60

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 12/08/2010

Next Scheduled EDR Contact: 03/21/2011 Data Release Frequency: Quarterly

DEL SHWS: Delisted List of Contaminated Sites

Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does not support it's listing or the site no longer meets criteria specified in rules.

Date of Government Version: 02/03/2011 Date Data Arrived at EDR: 02/03/2011 Date Made Active in Reports: 02/14/2011

Number of Days to Update: 11

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541 Last EDR Contact: 01/31/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 10/20/2008 Date Data Arrived at EDR: 11/18/2008 Date Made Active in Reports: 11/21/2008

Number of Days to Update: 3

Source: Department of Community Health

Telephone: 517-373-3740 Last EDR Contact: 02/01/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007 Date Data Arrived at EDR: 11/19/2008 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/06/2010 Date Data Arrived at EDR: 05/11/2010 Date Made Active in Reports: 08/09/2010

Number of Days to Update: 90

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 01/31/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 31

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 11/22/2010

Next Scheduled EDR Contact: 03/07/2011 Data Release Frequency: Varies

LIENS: Lien List

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC * 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition

Date of Government Version: 09/13/2010 Date Data Arrived at EDR: 11/01/2010 Date Made Active in Reports: 12/23/2010

Number of Days to Update: 52

Source: Department of Natural Resources & Environment

Telephone: 517-373-9837 Last EDR Contact: 01/28/2011

Next Scheduled EDR Contact: 05/09/2011 Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/06/2010 Date Data Arrived at EDR: 04/07/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 50

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 01/05/2011

Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Annually

PEAS: Pollution Emergency Alerting System

Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances.

Date of Government Version: 10/21/2010 Date Data Arrived at EDR: 10/22/2010 Date Made Active in Reports: 10/28/2010

Number of Days to Update: 6

Source: Department of Natural Resources & Environment

Telephone: 517-373-8427 Last EDR Contact: 12/13/2010

Next Scheduled EDR Contact: 03/28/2011 Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010 Date Data Arrived at EDR: 02/19/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 01/06/2011

Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010 Date Data Arrived at EDR: 02/09/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 62

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 02/11/2011

Next Scheduled EDR Contact: 05/23/2011 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 703-692-8801 Last EDR Contact: 01/21/2011

Next Scheduled EDR Contact: 05/02/2011 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 08/12/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 112

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 12/13/2010

Next Scheduled EDR Contact: 03/28/2011 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 10/01/2010 Date Data Arrived at EDR: 10/29/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 91

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 01/03/2011

Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/01/2010 Date Data Arrived at EDR: 06/16/2010 Date Made Active in Reports: 08/17/2010

Number of Days to Update: 62

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 02/03/2011

Next Scheduled EDR Contact: 03/28/2011 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/21/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 99

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 11/29/2010

Next Scheduled EDR Contact: 03/14/2011 Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/04/2010 Date Data Arrived at EDR: 09/09/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 12/29/2010

Next Scheduled EDR Contact: 03/21/2011 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 01/13/2010 Date Made Active in Reports: 02/18/2010

Number of Days to Update: 36

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 12/17/2010

Next Scheduled EDR Contact: 03/14/2011 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 12/29/2010

Next Scheduled EDR Contact: 04/11/2011 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the

Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 11/29/2010

Next Scheduled EDR Contact: 03/14/2011 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 11/29/2010

Next Scheduled EDR Contact: 03/14/2011 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 01/06/2010 Date Made Active in Reports: 02/10/2010

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 01/31/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010 Date Data Arrived at EDR: 04/29/2010 Date Made Active in Reports: 05/17/2010

Number of Days to Update: 18

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 12/23/2010

Next Scheduled EDR Contact: 04/11/2011 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 02/01/2010 Date Data Arrived at EDR: 04/22/2010 Date Made Active in Reports: 08/09/2010

Number of Days to Update: 109

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 01/21/2011

Next Scheduled EDR Contact: 05/02/2011 Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010 Date Data Arrived at EDR: 04/06/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 51

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 12/13/2010

Next Scheduled EDR Contact: 03/28/2011 Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/13/2010 Date Data Arrived at EDR: 07/14/2010 Date Made Active in Reports: 08/09/2010

Number of Days to Update: 26

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 01/13/2011

Next Scheduled EDR Contact: 04/25/2011 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010 Date Data Arrived at EDR: 04/16/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 41

Source: EPA

Telephone: (312) 353-2000 Last EDR Contact: 12/10/2010

Next Scheduled EDR Contact: 03/28/2011 Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 02/25/2010 Date Made Active in Reports: 05/12/2010

Number of Days to Update: 76

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 11/30/2010

Next Scheduled EDR Contact: 03/07/2011 Data Release Frequency: Biennially

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 01/31/2011 Date Data Arrived at EDR: 02/03/2011 Date Made Active in Reports: 02/14/2011

Number of Days to Update: 11

Source: Department of Natural Resources & Environment

Telephone: 517-241-1515 Last EDR Contact: 01/31/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

WDS: Waste Data System

The Waste Data System (WDS) tracks activities at facilities regulated by the Solid Waste, Scrap Tire, Hazardous Waste, and Liquid Industrial Waste programs.

Date of Government Version: 01/14/2011 Date Data Arrived at EDR: 01/14/2011 Date Made Active in Reports: 02/14/2011

Number of Days to Update: 31

Source: Department oF Natural Resources & Environment

Telephone: 517-373-9875 Last EDR Contact: 12/01/2010

Next Scheduled EDR Contact: 03/14/2011 Data Release Frequency: Quarterly

DRYCLEANERS: Drycleaning Establishments
A listing of drycleaning facilities in Michigan.

Date of Government Version: 02/04/2011 Date Data Arrived at EDR: 02/04/2011 Date Made Active in Reports: 02/14/2011

Number of Days to Update: 10

Source: Department of Natural Resources & Environment

Telephone: 517-335-4586 Last EDR Contact: 01/24/2011

Next Scheduled EDR Contact: 05/09/2011 Data Release Frequency: Varies

NPDES: List of Active NPDES Permits

General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm

Water permits.

Date of Government Version: 01/11/2011 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 02/14/2011

Number of Days to Update: 32

Source: Department of Natural Resources & Environment

Telephone: 517-241-1300 Last EDR Contact: 01/13/2011

Next Scheduled EDR Contact: 04/25/2011 Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data Permit and emissions inventory data.

> Date of Government Version: 10/04/2010 Date Data Arrived at EDR: 10/05/2010 Date Made Active in Reports: 10/28/2010

Number of Days to Update: 23

Source: Department of Natural Resources & Environment

Telephone: 517-373-7074 Last EDR Contact: 09/29/2010

Next Scheduled EDR Contact: 04/11/2011 Data Release Frequency: Varies

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

A Baseline Environmental Assessment (BEA) allows people to purchase or begin operating at a facility without being held liable for existing contamination. BEAs are used to gather enough information about the property being transferred so that existing contamination can be distinguished from any new releases that might occur after the new owner or operator takes over the property.

Date of Government Version: 11/24/2010 Date Data Arrived at EDR: 11/30/2010 Date Made Active in Reports: 12/23/2010

Number of Days to Update: 23

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541 Last EDR Contact: 11/22/2010

Next Scheduled EDR Contact: 03/07/2011 Data Release Frequency: Semi-Annually

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 01/21/2011

Next Scheduled EDR Contact: 05/02/2011 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 08/31/2010 Date Data Arrived at EDR: 09/01/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 92

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 02/07/2011

Next Scheduled EDR Contact: 05/09/2011 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 01/18/2011

Next Scheduled EDR Contact: 05/02/2011 Data Release Frequency: Varies

FINANCIAL ASSURANCE: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 01/13/2011 Date Data Arrived at EDR: 01/20/2011 Date Made Active in Reports: 02/14/2011

Number of Days to Update: 25

Source: Department of Natural Resources & Environment

Telephone: 517-335-6610 Last EDR Contact: 01/10/2011

Next Scheduled EDR Contact: 04/25/2011 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 01/21/2011

Next Scheduled EDR Contact: 05/02/2011

Data Release Frequency: N/A

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 01/05/2011 Date Data Arrived at EDR: 01/07/2011 Date Made Active in Reports: 02/14/2011

Number of Days to Update: 38

Source: Department of Natural Resources & Environment

Telephone: 517-335-4034 Last EDR Contact: 01/03/2011

Next Scheduled EDR Contact: 04/18/2011 Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 10/18/2010 Date Data Arrived at EDR: 10/19/2010 Date Made Active in Reports: 10/28/2010

Number of Days to Update: 9

Source: Department of Natural Resources & Environment

Telephone: 586-753-3754 Last EDR Contact: 01/10/2011

Next Scheduled EDR Contact: 04/25/2011 Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008 Date Data Arrived at EDR: 02/18/2009 Date Made Active in Reports: 05/29/2009

Number of Days to Update: 100

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 02/04/2011

Next Scheduled EDR Contact: 05/16/2011 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009 Date Data Arrived at EDR: 12/18/2009 Date Made Active in Reports: 02/10/2010

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 12/21/2010

Next Scheduled EDR Contact: 03/28/2011 Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR. Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007 Date Data Arrived at EDR: 08/26/2009 Date Made Active in Reports: 09/11/2009

Number of Days to Update: 16

Source: Department of Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 12/01/2010

Next Scheduled EDR Contact: 03/07/2011 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 07/22/2010 Date Made Active in Reports: 08/26/2010

Number of Days to Update: 35

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 01/21/2011

Next Scheduled EDR Contact: 05/02/2011 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

acility.

Date of Government Version: 10/28/2010
Date Data Arrived at EDR: 11/09/2010
Date Made Active in Reports: 12/17/2010

Number of Days to Update: 38

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 02/09/2011

Next Scheduled EDR Contact: 05/23/2011 Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 12/01/2009 Date Made Active in Reports: 12/14/2009

Number of Days to Update: 13

Telephone: 717-783-8990 Last EDR Contact: 11/22/2010

Next Scheduled EDR Contact: 03/07/2011 Data Release Frequency: Annually

Source: Department of Environmental Protection

RI MANIFEST: Manifest information Hazardous waste manifest information

> Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 07/19/2010 Date Made Active in Reports: 08/26/2010

Number of Days to Update: 38

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 11/29/2010

Next Scheduled EDR Contact: 03/14/2011 Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 07/06/2010 Date Made Active in Reports: 07/26/2010

Number of Days to Update: 20

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 12/16/2010

Next Scheduled EDR Contact: 04/04/2011 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are

comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes

Source: Bureau of REgulatory Services

Telephone: 517-373-8300

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Source: Department of Natural Resources

Telephone: 517-241-2254

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

COUNTRY HEARTH INN 1111 BOARDMAN JACKSON, MI 49202

TARGET PROPERTY COORDINATES

Latitude (North): 42.27020 - 42° 16' 12.7" Longitude (West): 84.4269 - 84° 25' 36.8"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 712206.9 UTM Y (Meters): 4682769.0

Elevation: 981 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 42084-C4 JACKSON NORTH, MI

Most Recent Revision: 1976

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

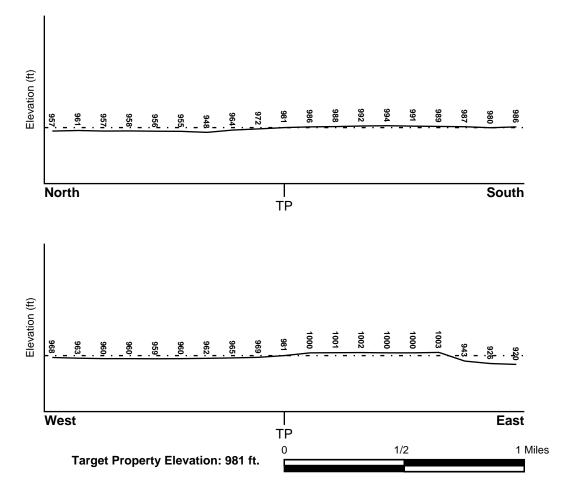
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

FEMA Flood Electronic Data

Target Property County JACKSON, MI

Not Available

Flood Plain Panel at Target Property:

Not Reported

Additional Panels in search area:

Not Reported

NATIONAL WETLAND INVENTORY

NWI Electronic

NWI Quad at Target Property

Data Coverage

JACKSON NORTH

YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

 LOCATION
 GENERAL DIRECTION

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 The state of the

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

Era: Paleozoic Category: Stratifed Sequence

System: Pennsylvanian

Series: Atokan and Morrowan Series

Code: PP1 (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBANLAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information							
	Boundary Classification						
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	60 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: sandy loam

Surficial Soil Types: sandy loam

Shallow Soil Types: sandy loam

sandy clay loam

Deeper Soil Types: stratified

gravelly - sand sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID FROM TP

No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

LOCATION

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID LOCATION FROM TP

No PWS System Found

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	FROM TP
	MI20116042	1/8 - 1/4 Mile East
A2	MI20118827	1/8 - 1/4 Mile East
A3	MI20116012	1/8 - 1/4 Mile ESE
A4	MI20120409	1/8 - 1/4 Mile East
B5	MI20116034	1/8 - 1/4 Mile ENE
B6	MI20116026	1/8 - 1/4 Mile ENE
B7	MI20116020	1/8 - 1/4 Mile East
C8	MI20116027	1/4 - 1/2 Mile East
C9	MI20116011	1/4 - 1/2 Mile East
C10	MI20120212	1/4 - 1/2 Mile East
C11	MI20116019	1/4 - 1/2 Mile ENE
C12	MI20116017	1/4 - 1/2 Mile ENE
C13	MI20116018	1/4 - 1/2 Mile East
14	MI20116033	1/4 - 1/2 Mile NE
15	MI20116029	1/4 - 1/2 Mile ENE
D16	MI20116010	1/4 - 1/2 Mile East
D17	MI20116016	1/4 - 1/2 Mile East
D18	MI20116015	1/4 - 1/2 Mile East
D19	MI20116009	1/4 - 1/2 Mile East
20	MI20116005	1/4 - 1/2 Mile NE
21	MI20116041	1/4 - 1/2 Mile West
D22	MI20116038	1/4 - 1/2 Mile East
E23	MI20116014	1/4 - 1/2 Mile East
E24	MI20119132	1/4 - 1/2 Mile East
E25	MI20116013	1/4 - 1/2 Mile East
F26	MI20116024	1/4 - 1/2 Mile ENE
E27	MI20120082	1/4 - 1/2 Mile East
F28	MI20116023	1/4 - 1/2 Mile ENE
G29	MI20116054	1/2 - 1 Mile SW
H30	MI20116007	1/2 - 1 Mile NE
G31	MI20118500	1/2 - 1 Mile SW
132	MI20116072	1/2 - 1 Mile NW
133	MI20116071	1/2 - 1 Mile NW
H34	MI20116006	1/2 - 1 Mile NE
J35	MI20116028	1/2 - 1 Mile East 1/2 - 1 Mile WNW
36	MI20116043	1/2 - 1 Mile WNW 1/2 - 1 Mile SW
37 G38	MI20116055 MI20118098	1/2 - 1 Mile SW 1/2 - 1 Mile WSW
I39	MI20116098	1/2 - 1 Mile WSW
40	MI20116070 MI20116040	1/2 - 1 Mile NVV 1/2 - 1 Mile East
40 J41	MI20116040 MI20116036	1/2 - 1 Mile East
42	MI20170030 MI20120873	1/2 - 1 Mile East
143	MI20120673 MI20116069	1/2 - 1 Mile NW
i -t J	101120110003	1/2 - 1 WIIIG INVV

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

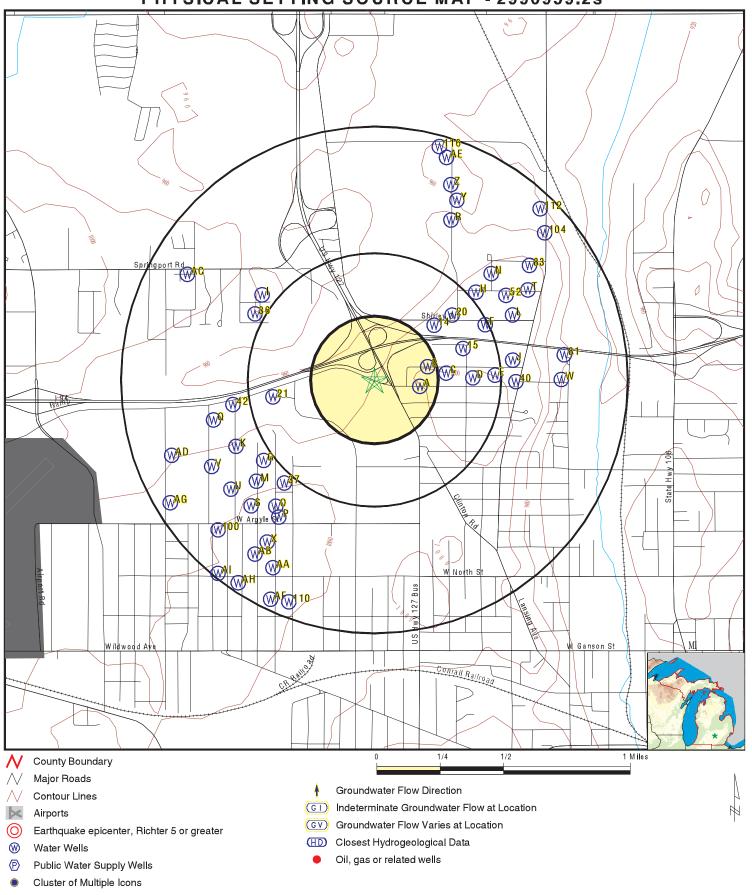
		LOCATION
MAP ID	WELL ID	FROM TP
G44	MI20116059	1/2 - 1 Mile SW
K45	MI20116063	1/2 - 1 Mile WSW
146	MI20116068	1/2 - 1 Mile NW
L47	MI20116022	1/2 - 1 Mile ENE
M48	MI20116060	1/2 - 1 Mile SW
N49	MI20116031	1/2 - 1 Mile NE
L50	MI20116021	1/2 - 1 Mile ENE
O51	MI20116056	1/2 - 1 Mile SW
52	MI20116030	1/2 - 1 Mile ENE
M53	MI20116061	1/2 - 1 Mile SW
M54	MI20118335	1/2 - 1 Mile SW
K55	MI20116066	1/2 - 1 Mile WSW
O56	MI20116057	1/2 - 1 Mile SW
N57	MI20116035	1/2 - 1 Mile NE
P58	MI20116058	1/2 - 1 Mile SW 1/2 - 1 Mile WSW
Q59 O60	MI20116044 MI20116067	1/2 - 1 Mile VVSVV
Q61	MI20116067 MI20116045	1/2 - 1 Mile SW
R62	MI20116043	1/2 - 1 Mile VVSVV
P63	MI20118180 MI20118287	1/2 - 1 Mile NNE
S64	MI20116267 MI20116073	1/2 - 1 Mile SW
S65	MI20118538	1/2 - 1 Mile SW
T66	MI20116008	1/2 - 1 Mile SW
R67	MI20115944	1/2 - 1 Mile NNE
T68	MI20116037	1/2 - 1 Mile FNE
S69	MI20116064	1/2 - 1 Mile SW
U70	MI20118439	1/2 - 1 Mile SW
R71	MI20115947	1/2 - 1 Mile NNE
U72	MI20116062	1/2 - 1 Mile SW
V73	MI20116047	1/2 - 1 Mile WSW
R74	MI20115946	1/2 - 1 Mile NNE
V75	MI20116046	1/2 - 1 Mile WSW
W76	MI20120875	1/2 - 1 Mile East
V77	MI20116048	1/2 - 1 Mile WSW
W78	MI20116032	1/2 - 1 Mile East
X79	MI20116201	1/2 - 1 Mile SSW
X80	MI20116200	1/2 - 1 Mile SSW
81	MI20116025	1/2 - 1 Mile East
X82	MI20116199	1/2 - 1 Mile SSW
83	MI20115931	1/2 - 1 Mile NE
Y84	MI20115945	1/2 - 1 Mile NNE
X85	MI20116198	1/2 - 1 Mile SSW
X86	MI20116205	1/2 - 1 Mile SW
X87	MI20116204	1/2 - 1 Mile SW
X88	MI20119624	1/2 - 1 Mile SW
Y89	MI20115935	1/2 - 1 Mile NNE
Z90	MI20115937	1/2 - 1 Mile NNE
AA91 AB92	MI20116223	1/2 - 1 Mile SSW 1/2 - 1 Mile SW
AB92 AC93	MI20116206 MI20116065	1/2 - 1 Mile SW 1/2 - 1 Mile WNW
AC93 AA94	MI20116065 MI20116197	1/2 - 1 Mile VVNVV
AA95	MI20116197 MI20116227	1/2 - 1 Mile SSW
, (1 (00	111120110221	1,2 1 WIIIG GOVV

GEOCHECK[®] - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP
Z96	MI20115932	1/2 - 1 Mile NNE
AB97	MI20116191	1/2 - 1 Mile SW
AD98	MI20116053	1/2 - 1 Mile WSW
AA99	MI20116196	1/2 - 1 Mile SSW
100	MI20116210	1/2 - 1 Mile SW
AC101	MI20118722	1/2 - 1 Mile WNW
AD102	MI20116052	1/2 - 1 Mile WSW
AA103	MI20116226	1/2 - 1 Mile SSW
104	MI20120441	1/2 - 1 Mile NE
AE105	MI20115943	1/2 - 1 Mile NNE
AF106	MI20116195	1/2 - 1 Mile SSW
AG107	MI20116051	1/2 - 1 Mile WSW
AE108	MI20115923	1/2 - 1 Mile NNE
AE109	MI20115942	1/2 - 1 Mile NNE
110	MI20116192	1/2 - 1 Mile SSW
AG111	MI20116050	1/2 - 1 Mile WSW
112	MI20115930	1/2 - 1 Mile NE
AF113	MI20116194	1/2 - 1 Mile SSW
AH114	MI20116186	1/2 - 1 Mile SW
AG115	MI20116049	1/2 - 1 Mile WSW
116	MI20115936	1/2 - 1 Mile NNE
AH117	MI20116185	1/2 - 1 Mile SW
AF118	MI20116207	1/2 - 1 Mile SSW
Al119	MI20116211	1/2 - 1 Mile SW
AH120	MI20116184	1/2 - 1 Mile SSW
AI121	MI20116189	1/2 - 1 Mile SW
AF122	MI20116193	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 2990959.2s



SITE NAME: Country Hearth Inn ADDRESS: 1111 Boardman

Jackson MI 49202 LAT/LONG: 42.2702 / 84.4269

Envirologic Technologies, Inc.

CLIENT: Envirologic CONTACT: Matt Tanis INQUIRY#: 2990959.2s

DATE: February 14, 2011 5:21 pm

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GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

istance levation			Database	EDR ID Numbe
1 ast 8 - 1/4 Mile igher			MI WELLS	MI20116042
Wellid:	38000001014	Import id:	38720128003	
County:	Jackson	Township:	Blackman	
Town range:	02S 01W	Section:	28	
Owner name:	FLEMING, JOHN			
Well addr:	800 ANDREWS			
Well depth:	230			
Well type:	Household			
Wssn:	0			
Well num:	Not Reported	Driller id:	1150	
Const date:	1983-07-22 00:00:00.000	Case type:	PVC Plastic	
Case dia:	5			
Case depth:	45			
Screen frm:	0			
Screen to:	0			
Swl:	147			
Test depth:	0			
Test hours:	0			
Test rate:	0	Test methd:	Unknown	
Grouted:	1	Pmp cpcity:	0	
Latitude:	42.2701162771			
Longitude:	-84.4240834169			
Methd coll:	Interpolation-Map			
Elevation:	1000			
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported	
Elev flag:	Not Reported			
Swl flag:	Not Reported			
Elev dem:	997	Elev dif:	3	
Elev miv:	1000	Aq code:	Rock Well	
Aq flag:	Not Reported	Pct ag:	13	
Pct aq d:	100	Pct aq r:	0	
Pct maq:	87	Pct maq d:	0	
Pct maq r:	100	Pct cm:	0	
Pct cm d:	0	Pct cm r:	0	
Pct pcm:	0	Pct pcm d:	0	
Pct pcm r:	0	Pct na:	0	
•				
Pct na d:	0 Not Deported	Pct na r:	0	
Pct flag:	Not Reported	Rock top:	30	
D r type:	AQ / MAQ	Spc cpcity:	0	
A thicknes:	0	A pct aq:	0	
A pct maq:	0	A pct pcm:	0	
A pct cm:	0	A pct na:	0	
A thickns2:	0	A pct aq2:	0	
A pct maq2:	0	A pct pcm2:	0	
A pct cm2:	0	A pct na2:	0	
A hit swl:	F	A hit top:	F	
A hit rock:	F	A sc lith1:	Not Reported	
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported	
A sc lpct1:	0	A sc lith2:	Not Reported	
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported	
A sc lpct2:	0	Pct aq 1:	100	
Pct maq 1:	0	Pct cm 1:	0	
Pct pcm 1:	0	Pct na 1:	0	

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Pct maq 2:	0
Pct pcm 2:	0
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Y

A2
East MI WELLS MI20118827
1/8 - 1/4 Mile
Higher

Wellid: 3800004689
County: Jackson
Town range: 02S 01W
Owner name: ED CURLY
Well addr: 612 ANDREW
Well depth: 120

Well depth: 120 Well type: Household

Wssn: 0

Well num: Not Reported
Const date: 2001-01-30 00:00:00.000

Case dia: 5

Import id: Not Reported
Township: Blackman
Section: 27

Driller id: 1593 Case type: PVC Plastic

Case depth: 55 Screen frm: 0 Screen to: 0 Swl: 50 Test depth: 65 Test hours: 1 Test rate: 20 Test methd: Air Grouted: Pmp cpcity: 42.27000621 Latitude: -84.42317602 Longitude: Methd coll: Interpolation-Map Elevation: Elev methd: DEM30M Depth flag: Not Reported Elev flag: Elevation < DEMmin or Elevation > DEMmax Swl flag: Not Reported 1000 1000 Elev dem: Elev dif: Drift Well Elev miv: 1000 Aq code: Not Reported 88 Aq flag: Pct aq: 0 Pct aq d: 88 Pct aq r: Pct mag: 0 Pct mag d: 0 Pct mag r: 0 Pct cm: 13 Pct cm d: 13 Pct cm r: 0 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: Pct na: 0 Pct na d: 0 Pct na r: Pct flag: Not Reported Rock top: -1 0 D r type: Not Reported Spc cpcity: A thicknes: 0 0 A pct aq: A pct maq: 0 A pct pcm: 0 0 0 A pct cm: A pct na: A thickns2: 0 A pct ag2: 0 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: A hit swl: F A hit top: Т A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: A sc Imaq2: A sc lpct2: 0 Pct aq 1: 80 Pct mag 1: 0 Pct cm 1: 20 Pct pcm 1: 0 Pct na 1: 0 0 45 Pct aq 2: Pct maq 2: Pct cm 2: 55 0 Pct pcm 2: Pct na 2: 0 Pct aq 3: 100 Pct maq 3: 0 Pct cm 3: 0 Pct pcm 3: 0 Pct na 3: 0 Pct aq 4: 100 Pct maq 4: 0 Pct cm 4: 0 Pct pcm 4: 0 Pct na 4: 0 Pct aq 5: 100 Pct maq 5: 0 Pct cm 5: 0 0 0 Pct pcm 5: Pct na 5: 0 0 Pct aq 6: Pct maq 6: 0 Pct cm 6: 0 Pct pcm 6: Pct na 6: 0 Pct aq 7: 0 Pct maq 7: 0 Pct cm 7: 0 Pct pcm 7: 0 Pct na 7: 0 Pct aq 8: 0 Pct maq 8: 0 Pct cm 8: 0 Pct pcm 8: 0 Pct na 8: 0 Pct aq 9: 0 0 Pct maq 9: 0 Pct cm 9: 0 0 Pct na 9: Pct pcm 9:

Pct aq 10: 0 Pct maq 10: 0 Pct cm 10: 0 Pct pcm 10: 0 0 Pct na 10: 0 Pct aq 11: 0 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: 0 Pct aq 12: 0 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 0 Pct na 12: 0 Pct aq 13: 0 0 Pct maq 13: 0 Pct cm 13: Pct pcm 13: 0 Pct na 13: 0 Υ Within sec: Υ Loc match:

Aq code 1: Not Reported Hit swl: Not Reported

Athk2: 0 Horiz Conduct: 0 Vert Conduct: 0 T2: 0 D50plek: 0

Higher

MI WELLS MI20116012 1/8 - 1/4 Mile

Wellid: 38000000983 Import id: 38720127008 County: Jackson Township: Blackman Town range: 02S 01W 27 Section:

Owner name: FORNER, MC 731 ANDREWS Well addr:

Well depth: 106 Well type: Household 0 Wssn:

Well num: Not Reported

Driller id: 1150 Const date: 1972-12-21 00:00:00.000 Case type: Unknown

Case dia: 4 Case depth: 36 Screen frm: 0 Screen to: 0 Swl: 37 Test depth: 0 0 Test hours:

0 Test rate: Test methd: Unknown Grouted: 1 Pmp cpcity:

Latitude: 42.2694690702 Longitude: -84.4232534475 Methd coll: Interpolation-Map

Elevation: 998

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Not Reported Swl flag:

Elev dem: 997 Elev dif:

Rock Well Elev miv: 998 Aq code: Aq flag: Not Reported Pct aq: 42

Pct aq d: 19 Pct aq r: 53 Pct maq: 0 Pct maq d: 0 0 58 Pct maq r: Pct cm:

Pct cm d:	81	Pct cm r:	47
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	36
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct ag2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	20
Pct maq 1:	0	Pct cm 1:	80
Pct pcm 1:	0	Pct na 1:	0
_ '	0		0
Pct aq 2:		Pct maq 2:	
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	56.25008		
Vert Conduct:	.00012		
T2:	900.0013		
D50plek:	25.19592		
F			

Map ID Direction Distance

Elevation Database EDR ID Number MI WELLS MI20120409 **East** 1/8 - 1/4 Mile Higher Wellid: 38000007503 Import id: Not Reported Blackman County: Township: Jackson 02S 01W Town range: Section: 27 CHRISTINE STANLEY Owner name: Well addr: 727 ANDREW AVE Well depth: 136 Well type: Household 0 Wssn: Well num: Driller id: Not Reported 167 2004-05-15 00:00:00.000 **PVC Plastic** Const date: Case type: Case dia: 5 Case depth: 59.5 Screen frm: 0 Screen to: 0 Swl: 43 Test depth: 55 2 Test hours: Test rate: 20 Test methd: Test Pump Grouted: Pmp cpcity: 12 42.26974062 Latitude: Longitude: -84.42306446 Methd coll: Interpolation-Map Elevation: Elev methd: DEM30M Depth flag: Not Reported Elev flag: Elevation < DEMmin or Elevation > DEMmax Not Reported Swl flag: Elev dem: 997 997 Elev dif: Elev miv: 997 Aq code: Not Reported Lithology Problem (Drift under Rock)t ag: Aq flag: 0 Pct aq d: Pct aq r: Pct maq d: 0 Pct maq: 0 Pct mag r: 0 Pct cm: 0 Pct cm d: 0 Pct cm r: 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: 0 Pct na: 0 Pct na d: 0 Pct na r: Not Reported Pct flag: Rock top: -9 D r type: Not Reported Spc cpcity: .400000005960464 A thicknes: A pct aq: A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: F F A hit swl: A hit top: A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 40 Pct mag 1: 0 Pct cm 1: 15 Pct pcm 1: 45 Pct na 1:

Pct aq 2:	0
Pct cm 2:	0
Pct na 2:	0
Pct mag 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	0
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	Not Reported
Hit swl:	Not Reported
A / L L O	^

Pct maq 2: Pct pcm 2: Pct aq 3: Pct cm 3: Pct na 3: Pct maq 4: Pct pcm 4: Pct aq 5: Pct cm 5: Pct na 5: Pct maq 6: Pct pcm 6: Pct aq 7: Pct cm 7: Pct na 7: Pct maq 8: Pct pcm 8: Pct aq 9: Pct cm 9: Pct na 9: Pct maq 10: Pct pcm 10: Pct aq 11: Pct cm 11: Pct na 11: Pct maq 12: Pct pcm 12: Pct aq 13: Pct cm 13: Pct na 13: Loc match:

Import id:

Township:

Section:

Driller id:

Case type:

0 Y

0

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0

0

0

0

0

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0

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0

0

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0

0

0

0

0

B5 ENE 1/8 - 1/4 Mile Higher

Athk2:

T2: D50plek:

Horiz Conduct:

Vert Conduct:

Wellid: 38000001006
County: Jackson
Town range: 02S 01W
Owner name: CURTIS, CURT
Well addr: 718 ROYAL DR

Well depth: 200
Well type: Household

Wssn: 0

Well num: Not Reported
Const date: 1977-10-20 00:00:00.000

0

0

0

0

Case dia: 4

MI WELLS MI20116034

38720127031 Blackman 27

522 Unknown

	00.0		
Case depth:	36.8		
Screen frm:	0		
Screen to:	0		
Swl:	42		
Test depth:	70		
Test hours:	0	-	
Test rate:	8	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.2712100129		
Longitude:	-84.4232374782		
Methd coll:	Interpolation-Map		
Elevation:	1000		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		_
Elev dem:	1000	Elev dif:	0
Elev miv:	1000	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	51
Pct aq d:	45	Pct aq r:	51
Pct maq:	9	Pct maq d:	0
Pct maq r:	10	Pct cm:	39
Pct cm d:	42	Pct cm r:	38
Pct pcm:	2	Pct pcm d:	12
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	33
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	45
Pct maq 1:	0	Pct cm 1:	35
Pct pcm 1:	20	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
•			

0

0

0

0

0

0

0

0

Υ

Pct aq 10: 0 Pct maq 10: Pct cm 10: 0 Pct pcm 10: Pct na 10: 0 Pct aq 11: 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: Pct aq 12: 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 Pct na 12: 0 Pct aq 13: Pct maq 13: 0 Pct cm 13: 0 Pct pcm 13: Pct na 13: Υ Within sec: Loc match: Aq code 1: R Hit swl: F Athk2: 0

138.46159

1800.0007

39.47649

.00019

B6 ENE MI WELLS MI20116026 1/8 - 1/4 Mile Higher

 Wellid:
 38000000998
 Import id:
 38720127023

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 27

Owner name: TYSON, ALBERT Well addr: 735 ROYAL DR

Well depth: 80
Well type: Household

Well type: Hous Wssn: 0

Horiz Conduct:

Vert Conduct:

T2:

D50plek:

Well num: Not Reported Driller id: 2033

 Case dia:
 5

 Case depth:
 42

 Screen frm:
 0

 Screen to:
 0

 Swl:
 43

 Test depth:
 80

 Test hours:
 2

Test rate: 35 Test methd: Unknown Grouted: 1 Pmp opcity: 0

Latitude: 42.2708234216 Longitude: -84.4229390341 Methd coll: Interpolation-Map

Elevation: 1002

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 1000 Elev dif: 2

Rock Well Elev miv: 1002 Aq code: Aq flag: Not Reported Pct aq: 49 Pct aq d: 0 Pct aq r: 83 Pct maq: 0 Pct maq d: 0 0 10 Pct maq r: Pct cm:

Pct cm d:	0	Pct cm r:	17
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	33
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Ť
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imag1:	
	· · · · · · · · · · · · · · · · · · ·	•	Not Reported
A sc lpct1:	0 Not Deported	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	100
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0		0
	0	Pct pcm 8: Pct aq 9:	0
Pct na 8:			
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		
F	-		

Map ID Direction Distance

Elevation Database EDR ID Number **B7 MI WELLS** MI20116020 1/8 - 1/4 Mile Higher Wellid: 38000000992 Import id: 38720127017 County: Township: Blackman Jackson Town range: 02S 01W Section: 27 WILSON, PUMP SALES Owner name: Well addr: 713 ROYAL DR Well depth: 160 Well type: Household 0 Wssn: Well num: Driller id: 1686 Not Reported 1991-08-02 00:00:00.000 Const date: Case type: **PVC Plastic** Case dia: 5 Case depth: 42 Screen frm: 0 Screen to: 0 Swl: 35 Test depth: 60 Test hours: 0 Test rate: 15 Test methd: Unknown Grouted: Pmp cpcity: Latitude: 42.2708377953 Longitude: -84.4222135635 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 997 Elev dif: Elev miv: 1000 Aq code: Rock Well Aq flag: Not Reported Pct aq: 34 30 Pct aq d: 50 Pct aq r: Pct maq d: 34 0 Pct maq: Pct mag r: 43 Pct cm: 3 Pct cm d: 13 Pct cm r: 0 Pct pcm: 6 Pct pcm d: 31 Pct pcm r: 0 Pct na: 1 0 Pct na d: 6 Pct na r: Not Reported Pct flag: Rock top: 32 D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 0 A thickns2: A pct aq2: A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: 70 A sc lpct2: 0 Pct aq 1: Pct mag 1: 0 Pct cm 1: 20 Pct pcm 1: 0 Pct na 1: 10

Pct aq 2: 0 Pct cm 2: 0 Pct na 2: 0 Pct maq 3: 0 Pct pcm 3: 0 Pct aq 4: 0 Pct cm 4: 0 Pct na 4: 0 Pct maq 5: 0 Pct pcm 5: 0 0 Pct aq 6: Pct cm 6: 0 Pct na 6: 0 Pct maq 7: 0 Pct pcm 7: 0 Pct aq 8: 0 Pct cm 8: 0 Pct na 8: 0 Pct maq 9: 0 Pct pcm 9: 0 Pct aq 10: 0 Pct cm 10: 0 Pct na 10: 0 Pct maq 11: 0 Pct pcm 11: 0 Pct aq 12: 0 Pct cm 12: 0 Pct na 12: 0 Pct maq 13: 0 0 Pct pcm 13: Within sec: Υ Aq code 1: R F Hit swl: Athk2: 0 Horiz Conduct: 16.675 Vert Conduct: .012 200.1 T2: D50plek: 4.56974 Pct maq 2: 0 Pct pcm 2: 0 0 Pct aq 3: Pct cm 3: 0 Pct na 3: 0 0 Pct maq 4: Pct pcm 4: 0 Pct aq 5: 0 Pct cm 5: 0 0 Pct na 5: Pct maq 6: 0 Pct pcm 6: 0 Pct aq 7: 0 0 Pct cm 7: 0 Pct na 7: Pct maq 8: 0 Pct pcm 8: 0 Pct aq 9: 0 Pct cm 9: 0 Pct na 9: 0 Pct maq 10: 0 Pct pcm 10: 0 0 Pct aq 11: Pct cm 11: 0 0 Pct na 11: Pct mag 12: 0 0 Pct pcm 12: Pct aq 13: 0 Pct cm 13: 0 Pct na 13: 0 Loc match: Υ

C8 East 1/4 - 1/2 Mile Higher

38720127024

Blackman

27

404

MI WELLS

MI20116027

Wellid: 3800000999
County: Jackson
Town range: 02S 01W
Owner name: ANDERSON,

ANDERSON, WILLIAM

Well addr: 633 ROYAL DR

Well depth: 200 Well type: Household

Wssn: 0

Well num: Not Reported Driller id:

Import id:

Township:

Section:

Case dia: 5

Case depth:	65		
Screen frm:	0		
Screen to:	0		
Swl:	52		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.2705755671	Timp opolity.	O
Longitude:	-84.4217670804		
Methd coll:	Interpolation-Map		
Elevation:	1001	5	
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	997	Elev dif:	4
Elev miv:	1001	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	35
Pct aq d:	29	Pct aq r:	36
Pct maq:	27	Pct maq d:	0
Pct mag r:	33	Pct cm:	31
Pct cm d:	29	Pct cm r:	31
Pct pcm:	7	Pct pcm d:	41
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	34
_	Not Reported	Spc cpcity:	0
D r type:	•		-
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Т
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	50
Pct maq 1:	0	Pct cm 1:	50
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
	0	Pct na 5:	0
Pct pcm 5:			
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

38720127007

Blackman

27

Pct aq 10:	0	Pct mag 10:
Pct cm 10:	0	Pct pcm 10:
Pct na 10:	0	Pct aq 11:
Pct maq 11:	0	Pct cm 11:
Pct pcm 11:	0	Pct na 11:
Pct aq 12:	0	Pct maq 12:
Pct cm 12:	0	Pct pcm 12:
Pct na 12:	0	Pct aq 13:
Pct maq 13:	0	Pct cm 13:
Pct pcm 13:	0	Pct na 13:
Within sec:	Υ	Loc match:
Aq code 1:	R	
Hit swl:	F	
Athk2:	0	
Horiz Conduct:	.001	
Vert Conduct:	.001	
T2:	.014	
D50plek:	.00084	

C9
East MI WELLS MI20116011
1/4 - 1/2 Mile

HigherWellid:38000000982Import id:County:JacksonTownship:Town range:02S 01WSection:

Owner name: MOORE, JOYCE Well addr: 631 ANDREWS ST

Well depth: 95

Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 2033

 Case dia:
 5

 Case depth:
 47

 Screen frm:
 0

 Screen to:
 0

 Swl:
 47

 Test depth:
 95

 Test hours:
 2

 Test reto:
 20

Test rate: 30 Test methd: Unknown Grouted: 1 Pmp cpcity: 0

 Latitude:
 42.2697743849

 Longitude:
 -84.4215613488

 Methd coll:
 Interpolation-Map

Elevation: 1006

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 1004 Elev dif: 2

Rock Well Elev miv: 1006 Aq code: Aq flag: Not Reported Pct aq: 23 Pct aq d: 31 Pct aq r: 19 51 0 Pct maq: Pct maq d: Pct cm: 81 0 Pct maq r:

Datasa	2	Data and a	0
Pct cm d:	0	Pct cm r:	0
Pct pcm:	26	Pct pcm d:	69
Pct pcm r:	0	Pct na:	0
Pct na d:	0 Not Donorto	Pct na r:	0
Pct flag:	Not Reported	Rock top:	36
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T Not Donostod
A hit rock:	F	A sc lith1:	Not Reported
A sc lmod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	206.25313		
Vert Conduct:	.032		
T2:	3300.05		
D50plek:	86.37053		

Map ID Direction Distance

Elevation Database EDR ID Number C10 MI WELLS MI20120212 1/4 - 1/2 Mile Higher Wellid: 38000007143 Import id: Not Reported County: Township: Blackman Jackson Town range: 02S 01W Section: 27 ANNA JOHNSON Owner name: Well addr: 615 ANDREW STREET Well depth: 240 Well type: Household 0 Wssn: Well num: Not Reported Driller id: 1944 2003-09-23 00:00:00.000 Const date: Case type: **PVC Plastic** Case dia: 5 Case depth: 60 Screen frm: 0 Screen to: 0 Swl: 63 Test depth: 240 Test hours: .25 Test rate: 30 Test methd: Bailer Grouted: Pmp cpcity: 42.26972243 Latitude: Longitude: -84.42139347 Methd coll: Interpolation-Map Elevation: Elev methd: DEM30M Depth flag: Not Reported Elev flag: Elevation < DEMmin or Elevation > DEMmax Not Reported Swl flag: Elev dem: 1004 1004 Elev dif: Elev miv: 1004 Aq code: Rock Well Aq flag: Not Reported Pct aq: 51 Pct aq d: 60 Pct aq r: 49 Pct maq: Pct maq d: 0 21 Pct mag r: 26 Pct cm: 28 Pct cm d: 40 Pct cm r: 25 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: 0 Pct na: 0 Pct na d: 0 Pct na r: Not Reported 50 Pct flag: Rock top: D r type: AQ / AQ Spc cpcity: .100000001490116 A thicknes: A pct aq: A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 100 Pct pcm 1: 0 Pct na 1:

Pct maq 2:	0
Pct pcm 2:	0
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8: Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct mag 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

C11		
ENE	MI WELLS	MI20116019
1/4 - 1/2 Mile		

Driller id:

Case type:

 Wellid:
 38000000991

 County:
 Jackson

 Town range:
 02S 01W

 Owner name:
 MARRION, MR

 Well addr:
 624 ROYAL DR

Well depth: 65

Well type: Household

Wssn: 0

Higher

Well num: Not Reported

Const date: 1976-10-08 00:00:00.000

Case dia: 4

Import id: 38720127016
Township: Blackman
Section: 27

106

Steel-black

TC2990959.2s Page A-26

Case depth:	32		
Screen frm:	0		
Screen to:	0		
Swl:	39		
Test depth:	44		
Test hours:	1.5		
Test rate:	17	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.271418745		
Longitude:	-84.4213586216		
Methd coll:	Interpolation-Map		
Elevation:	997		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	997	Elev dif:	0
Elev miv:	997	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	40
Pct aq d:	0	Pct aq r:	59
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	0
Pct cm d:	0	Pct cm r:	0
Pct pcm:	45	Pct pcm d:	100
Pct pcm r:	18	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	21
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Ť
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	_	0
	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5: Pct cm 5:	0
Pct maq 5:	0		0
Pct pcm 5:		Pct na 5:	
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:
Pct cm 10:	0	Pct pcm 10:
Pct na 10:	0	Pct aq 11:
Pct maq 11:	0	Pct cm 11:
Pct pcm 11:	0	Pct na 11:
Pct aq 12:	0	Pct maq 12:
Pct cm 12:	0	Pct pcm 12:
Pct na 12:	0	Pct aq 13:
Pct maq 13:	0	Pct cm 13:
Pct pcm 13:	0	Pct na 13:
Within sec:	Υ	Loc match:
Aq code 1:	R	
Hit swl:	F	
Athk2:	0	
Horiz Conduct:	.001	
Vert Conduct:	.001	
T2:	.001	

C12 ENE 1/4 - 1/2 Mile MI20116017 **MI WELLS**

Higher

D50plek:

38720127014 Wellid: 38000000989 Import id: County: Jackson Township: Blackman Town range: 02S 01W Section: 27

Owner name: LAMMER, MARRIE Well addr: 614 ROYAL DR

.00001

Well depth: 210 Well type: Household

0 Wssn:

Well num: Not Reported Driller id: 1150

Const date: 1990-07-24 00:00:00.000 Case type: **PVC Plastic**

Case dia: 5 Case depth: 60 Screen frm: 0 Screen to: 0 Swl: 0 Test depth: 40 3 Test hours:

Test rate: 30 Test methd: Unknown Grouted: 1 Pmp cpcity:

Latitude: 42.2712116607 Longitude: -84.4211352911 Methd coll: Interpolation-Map

Elevation: 998

Not Reported Elev methd: Topographoc Map Interpolation Depth flag:

Elev flag: Not Reported

SWL = 0Swl flag:

Elev dem: 994 Elev dif:

998 Rock Well Elev miv: Aq code: Aq flag: Not Reported Pct aq: 48 Pct aq d: 0 Pct aq r: 56 0 Pct maq: 0 Pct maq d: 0 38 Pct maq r: Pct cm:

Pct cm d:	0	Pct cm r:	44
Pct pcm:	14	Pct pcm d:	100
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	30
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Т
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct mag 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	_ •	0
		Pct aq 3:	
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct mag 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.001		
Vert Conduct:	.001		
T2:	.01		
D50plek:	.00045		
Doopioit.	.000-10		

Map ID Direction Distance

Elevation Database EDR ID Number C13 **MI WELLS** MI20116018 1/4 - 1/2 Mile Higher Wellid: 38000000990 Import id: 38720127015 County: Township: Blackman Jackson Town range: 02S 01W Section: 27 BRAUTIGAM, JOHN Owner name: Well addr: 617 ROYAL DR Well depth: 120 Well type: Household 0 Wssn: Well num: Driller id: 106 Not Reported Const date: 1966-12-30 00:00:00.000 Case type: Unknown Case dia: 4 Case depth: 34.5 Screen frm: 0 Screen to: 0 Swl: 40 Test depth: 42 2 Test hours: Test rate: 15 Test methd: Unknown Grouted: Pmp cpcity: 42.2708249343 Latitude: Longitude: -84.4210045166 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 997 Elev dif: Elev miv: 1000 Aq code: Rock Well Aq flag: Not Reported Pct aq: 0 0 Pct aq d: 0 Pct aq r: Pct maq d: 0 Pct maq: 0 Pct mag r: 0 Pct cm: 42 Pct cm r: Pct cm d: 0 100 Pct pcm: 25 Pct pcm d: 43 0 Pct pcm r: 0 Pct na: 0 Pct na d: 0 Pct na r: Not Reported 70 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 0 A thickns2: A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 100 Pct na 1: 0

Pct aq 2:	0
Pct cm 2:	0
Pct na 2:	50
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	0
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	R
Hit swl:	F
Athk2:	0
Horiz Conduct:	.01
Vert Conduct:	.01
T2:	.1
D50plek:	.00342

Pct maq 2: 0 Pct pcm 2: 50 Pct aq 3: 0 0 Pct cm 3: Pct na 3: 100 Pct maq 4: 0 Pct pcm 4: 0 Pct aq 5: 0 Pct cm 5: 0 Pct na 5: 0 Pct maq 6: 0 Pct pcm 6: 0 Pct aq 7: 0 0 Pct cm 7: Pct na 7: 0 Pct maq 8: 0 0 Pct pcm 8: Pct aq 9: 0 Pct cm 9: 0 Pct na 9: 0 Pct maq 10: 0 0 Pct pcm 10: Pct aq 11: 0 0 Pct cm 11: Pct na 11: 0 Pct maq 12: 0 Pct pcm 12: 0 0 Pct aq 13: 0 Pct cm 13: Pct na 13: 0 Loc match: Υ

14 NE MI WELLS MI20116033 1/4 - 1/2 Mile

Wellid: 3800001005
County: Jackson
Town range: 02S 01W
Owner name: CONTEC, INC
Well addr: 625 SHIRLEY DR

Well depth: 177

Higher

Well type: Type III public

Wssn: 0

Well num: Not Reported Driller id:
Const date: 1981-02-20 00:00:00.000 Case type:

Case dia: 4

Import id: 38720127030
Township: Blackman
Section: 27

106 Unknown

Case depth: 86.5 Screen frm: 0 Screen to: 0 Swl: 36 Test depth: 37 Test hours: 1.5 Test rate: 15 Test methd: Unknown Grouted: 0 Pmp cpcity: 42.2733236094 Latitude: -84.4223008177 Longitude: Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Swl flag: Not Reported 984 Elev dem: Elev dif: Rock Well Elev miv: 988 Aq code: Not Reported Aq flag: Pct aq: Pct aq d: 0 Pct aq r: 8 Pct mag: 1 Pct mag d: 0 Pct mag r: Pct cm: 63 1 Pct cm d: 0 Pct cm r: 72 Pct pcm: 23 Pct pcm d: 100 Pct pcm r: 13 Pct na: 2 Pct na d: 0 Pct na r: 2 Pct flag: Not Reported Rock top: 21 0 D r type: Not Reported Spc cpcity: A thicknes: 0 0 A pct aq: A pct maq: 0 A pct pcm: 0 0 0 A pct cm: A pct na: A thickns2: 0 A pct ag2: 0 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: A hit swl: F A hit top: Т A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported Not Reported A sc lpct1: A sc lith2: Not Reported A sc Imod2: A sc Imaq2: Not Reported A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 100 Pct na 1: 0 0 Pct aq 2: 0 Pct maq 2: 0 0 Pct cm 2: Pct pcm 2: 0 0 Pct na 2: Pct aq 3: Pct maq 3: 0 Pct cm 3: 0 Pct pcm 3: 0 Pct na 3: 0 Pct aq 4: 0 Pct maq 4: 0 Pct cm 4: 0 Pct pcm 4: 0 0 Pct na 4: 0 Pct aq 5: Pct maq 5: 0 Pct cm 5: 0 0 0 Pct pcm 5: Pct na 5: 0 0 Pct aq 6: Pct maq 6: 0 Pct cm 6: 0 Pct pcm 6: Pct na 6: 0 Pct aq 7: 0 Pct maq 7: 0 Pct cm 7: 0 Pct pcm 7: 0 Pct na 7: 0 Pct aq 8: 0 Pct maq 8: 0 Pct cm 8: 0 Pct pcm 8: 0 Pct na 8: 0 Pct aq 9: 0 0 Pct maq 9: 0 Pct cm 9: 0 0 Pct na 9: Pct pcm 9:

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.01		
Vert Conduct:	.01		
T2:	.01		

15 ENE MI WELLS MI20116029

1/4 - 1/2 Mile Higher

D50plek:

 Wellid:
 38000001001
 Import id:
 38720127026

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 27

Owner name: KOEHN, ROBERT Well addr: 2016 MORRIS ST

.00005

Well depth: 143 Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 1529
Const date: 1991-05-11 00:00:00.000 Case type: PVC Plastic

Case dia: 5
Case depth: 40
Screen frm: 0
Screen to: 0
Swl: 0
Test depth: 143
Test hours: 1

Test rate: 100 Test methd: Unknown Grouted: 1 Pmp cpcity: 0

Latitude: 42.2719966168
Longitude: -84.420071874
Methd coll: Interpolation-Map

Elevation: 997

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: SWL = 0

Elev dem: 994 Elev dif: 3

Elev miv: 997 Aq code: Not Reported

 Aq flag:
 Lithology Problem (Drift under Rock)t aq:
 0

 Pct aq d:
 0
 Pct aq r:
 0

 Pct maq:
 0
 Pct maq d:
 0

 Pct maq r:
 0
 Pct cm:
 0

Pct cm d:	0	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-9
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Ť
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:		A sc Imag1:	
	Not Reported	•	Not Reported
A sc lpct1:	0 Not Departed	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
_ '	0		0
Pct cm 8:		Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Ag code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		
Doopiek.	· ·		

Map II	D
Direct	ion
Distar	ice

Distance				
Elevation			Database	EDR ID Number
D16 East 1/4 - 1/2 Mile Higher			MI WELLS	MI20116010
Wellid:	3800000981	Import id:	38720127006	
County:	Jackson	Township:	Blackman	
Town range:	02S 01W	Section:	27	
Owner name:	BUTLER, ELLIOT			
Well addr:	580 ANDREWS			
Well depth:	100			
Well type:	Household			
Wssn:	0 Not Deported	Drillor id.	167	
Well num: Const date:	Not Reported	Driller id:	167 Steel-black	
Const date: Case dia:	1968-05-07 00:00:00.000 4	Case type:	Steel-black	
	63			
Case depth: Screen frm:	0			
Screen to:	0			
Swl:	58			
Test depth:	59			
Test hours:	2			
Test rate:	20	Test methd:	Unknown	
Grouted:	0	Pmp cpcity:	0	
Latitude:	42.270176643	Filip opolty.	0	
Landude: Longitude:	-84.4195526038			
Methd coll:	Interpolation-Map			
Elevation:	1014			
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported	
Elev flag:	Not Reported	Deptir nag.	Not Reported	
Swl flag:	Not Reported			
Elev dem:	1004	Elev dif:	10	
Elev miv:	1014	Aq code:	Drift Well	
Aq flag:	Not Reported	Pct aq:	4	
Pct aq d:	4	Pct aq r:	0	
Pct maq:	0	Pct maq d:	0	
Pct maq r:	0	Pct cm:	0	
Pct cm d:	0	Pct cm r:	0	
Pct pcm:	0	Pct pcm d:	Ö	
Pct pcm r:	0	Pct na:	0	
Pct na d:	0	Pct na r:	0	
Pct flag:	Not Reported	Rock top:	-1	
D r type:	Not Reported	Spc cpcity:	0	
A thicknes:	0	A pct aq:	0	
A pct maq:	0	A pct pcm:	0	
A pct cm:	0	A pct na:	0	
A thickns2:	0	A pct aq2:	0	
A pct maq2:	0	A pct pcm2:	0	
A pct cm2:	0	A pct na2:	0	
A hit swl:	F	A hit top:	Ť	
A hit rock:	F	A sc lith1:	Not Reported	
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported	
A sc lpct1:	0	A sc lith2:	Not Reported	
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported	
A sc lpct2:	0	Pct aq 1:	0	
Pct mag 1:	0	Pct cm 1:	0	
Pct pcm 1:	0	Pct na 1:	100	
•				

Pct aq 2:	10
Pct cm 2:	0
Pct na 2:	90
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	100
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	Not Reported
Hit swl:	Not Reported

Pct maq 2:	0
Pct pcm 2:	0
Pct aq 3:	10
Pct cm 3:	0
Pct na 3:	90
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	100
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

D17 East 1/4 - 1/2 Mile Higher

D50plek:

Athk2: Horiz Conduct:

T2:

Vert Conduct:

Wellid: 3800000988 Import id: 38720127013

Township:

Section:

County: Jackson
Town range: 02S 01W

Owner name: KRONEMEYER, MARY

0

0

0

0

0

Well addr: 597 ROYAL DR

Well depth: 160 Well type: Household

Wssn: 0

 Well num:
 Not Reported
 Driller id:
 1150

 Const date:
 1984-08-01 00:00:00.000
 Case type:
 PVC Plastic

Case dia: 5

MI WELLS

Blackman

27

MI20116016

Case depth:	67		
Screen frm:	0		
Screen to:	0		
Swl:	45		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.2708950732		
Longitude:	-84.4195720669		
Methd coll:	Interpolation-Map		
Elevation:	998		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		·
Swl flag:	Not Reported		
Elev dem:	997	Elev dif:	1
Elev miv:	998	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	8
Pct aq d:	8	Pct ag r:	8
Pct mag:	11	Pct maq d:	0
Pct mag r:	15	Pct cm:	81
Pct cm d:	92	Pct cm r:	77
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	37
_	Not Reported	Spc cpcity:	0
D r type: A thicknes:	0	A pct aq:	0
	0		0
A pct maq:		A pct pcm:	-
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T Nat Danieria
A hit rock:	F Not Bonouted	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0 Nat Barantad	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

0

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0

0

0

0 0

0

Υ

Pct aq 10: 0 Pct maq 10: Pct cm 10: 0 Pct pcm 10: Pct na 10: 0 Pct aq 11: 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: Pct aq 12: 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 Pct na 12: 0 Pct aq 13: Pct maq 13: 0 Pct cm 13: 0 Pct pcm 13: Pct na 13: Υ Within sec: Loc match: Aq code 1: R Hit swl: F Athk2: 0 Horiz Conduct: 17.64714

D18 **East MI WELLS** MI20116015 1/4 - 1/2 Mile Higher

Wellid: 38000000987 Import id: 38720127012 County: Jackson Township: Blackman Town range: 02S 01W 27 Section:

Owner name: VINSCENT, JOHN 595 ROYAL DR Well addr:

.00012

300.0014

9.48201

Well depth: 220 Well type: Household

0 Wssn:

Vert Conduct:

T2:

D50plek:

Well num: Driller id: 1077 Not Reported Const date: 1987-08-10 00:00:00.000 Case type: Unknown

Case dia: 5 Case depth: 45 Screen frm: 0 Screen to: 0 Swl: 40 Test depth: 220 Test hours: 1

20 Test rate: Test methd: Unknown Grouted: Pmp cpcity:

Latitude: 42.2706741979 Longitude: -84.4192928274 Methd coll: Interpolation-Map

Elevation: 1000

Pct maq r:

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Not Reported Swl flag:

Elev dem: 997 Elev dif: 3

Rock Well Elev miv: 1000 Aq code: Aq flag: Not Reported Pct aq: 35 Pct aq d: 0 Pct aq r: 36 Pct maq: 0 Pct maq d: 0 0 10

Pct cm:

Pct cm d:	100	Pct cm r:	6
Pct pcm:	55	Pct pcm d:	0
Pct pcm r:	58	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	8
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	•		0
	0	A pct aq:	
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Т
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
_ '	0	Pct cm 1:	0
Pct maq 1:			
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct mag 6:	0
Pct cm 6:	0	•	0
_		Pct pcm 6:	
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct ag 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	_	0
•	0	Pct maq 12:	0
Pct cm 12:		Pct pcm 12:	
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
	•		

D50plek:

0

Mile	Distance Elevation			Database	EDR ID Numbe
County	East 1/4 - 1/2 Mile			MI WELLS	MI20116009
Town range: 025 01W Section: 27 Owner name: BRETES, EDWARD Well addr: 578 ANDREWS Well depth: 100 Well type: Household Wish: 0 Well num: Not Reported Driller id: 107 Const date: 1987-08-12 00:00:00.000 Case type: PVC Plastic Case depth: 60 Screen frm: 0 Screen to: 0 Screen frm: 0 Screen to: 0 Test methd: Unknown Test fabours: 0 Test methd: Unknown Grouted: 1 Pmp cpcity: 0 Hearth docil: 1011 Interpolation-Map Fig. Elev dif: 7 Fig. Not Reported Swl flag: Not Reported Fig. Rock Well Swl flag: Not Report	Wellid:	3800000980	Import id:	38720127005	
Owner name: BRETES, EDWARD Well depth: 100 Well depth: 100 Well type: Household Wssn: 0 Well num: Not Reported Driller id: 107 Const date: 1987-08-12 00:00:00:00.00 Case type: PVC Plastic Case dia: 5 Scase depth: 60 Screen frm: 0 Screen to: 5 Swi: 54 Screen to: 0 Swi: 54 Screen to: 0 Test depth: 0 Test methd: Unknown Test rate: 0 Test methd: Unknown Grouted: 1 Pmp opoity: 0 Latitude: 42.2700940138 Unknown Unknown Longitude: 101 Pmp opoity: 0 Methd coll: Interpolation-Map Elevation: Not Reported Elev dif: Topographoc Map Interpolation Depth flag: Not Reported Swl flag: Not Reported Rock			Township:	Blackman	
Well dadr: 578 ANDREWS Well depth: 100 Well type: Household Wesh: 0 Well num: Not Reported Driller id: 107 Const date: 1987-08-12 00:00:00.000 Case type: PVC Plastic Case depth: 60 Screen from: 0 Screen to: 0 Swit: 54 Test depth: 0 Test method: Unknown Grouted: 1 Pmp cpcity: 0 Grouted: 1 Pmp cpcity: 0 Latitude: 42.2700940138 Unknown Longitude: 48.4191991879 Hoth docil: Elevation: 1011 Interpolation-Map Elev and docil: Topographoc Map Interpolation Depth flag: Not Reported Silvaliag: Not Reported Test and flag: Not Reported Silvaliag: Not Reported Test and flag: Not Reported Fel avag: 52 Pet avag: 52 Pet avag: 52			Section:	27	
Well type: Household Wesh: 0 Well num: Not Reported Driller id: 107 Const date: 1987-08-12 00:00:00.000 Case type: PVC Plastic Case dia: 5 PVC Plastic Case depth: 60 PVC Plastic Screen frm: 0 PVC Plastic Swl: 54 PVC Plastic Test depth: 0 PVC Plastic Test faste: 0 PVC Plastic Test faste: 0 PVC Plastic Grouted: 1 PVC Plastic Longitude: 42.2700940138 Unknown Longitude: 48.4191991879 PVC Plastic Bethd coll: Interpolation-Map PVC Plastic Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Swl flag: Not Reported PVC Plastic PVC Plastic Swl flag: Not Reported PVC Plastic PVC Plastic Elev mix: 1004 PVC Plastic PVC Plastic PVC Pla		•			
Well num:					
Wsn: Not Reported Driller id: 107 Const date: 1987-08-12 00:00:00:00 Case type: PVC Plastic Case dai: 5 Case depth: 60 Screen frm: 0 Swi: 54 Test depth: 0 Test hours: 0 Test rate: 0 Test methd: Unknown Grouted: 1 Pmp opcity: 0 Latitude: 42.2700940138 Unknown 0 Longitude: 48.4191991879 Unknown 0 Blevation: 1011 Depth flag: Not Reported Elev add: 1011 Topographoc Map Interpolation Depth flag: Not Reported Swl flag: Not Reported Elev dif: 7 7 Elev adm: 1004 Elev dif: 7 7 Elev miv: 1011 Aq code: Rock Well 8 Ag flag: Not Reported Pct aq: 52 9 2 9 2	•				
Well num:					
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Case depth: 60 Screen frm: 0 Screen to: 0 Screen to: 54 Test depth: 0 Test bours: 0 Grouted: 1 Pmp cpcity: 0 Test hours: 0 Test hours: 0 Test nethd: Unknown Grouted: 1 Pmp cpcity: 0 Test hours: 0 Test nethd: Unknown Grouted: 1 Pmp cpcity: 0 Test nethd: Unknown Test hours: 0 Test rate: 0 Pmp cpcity: 0 Test rate: 0 Pmp					
Case depth: 60 Screen frm: 0 Screen frm: 0 Swi: 54 Test depth: 0 Test depth: 0 Test stours: 0 Grouted: 1 Latitude: 42.2700940138 Longitude: 44.4191991879 Methd coll: Interpolation-Map Elev action: 1011 Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Swiftag: Not Reported Elev dm: 1004 Elev dm: 1011 Aq dage: Not Reported Swiftag: Not Reported Pct ag: 52 Pct ag: 52 Pct ag: 52 Pct ag: 52 Pct maq: 0 Pct map r: 0 Pct map r: 0 Pct map r: 0 Pct mar: 0 Pct pcm r: 0 Pct p			Case type:	PVC Plastic	
Screen frm: 0 0					
Screen to: Sw!: 54 Test depth: 0 Test hours: 0 Test neithd: Unknown Crouted: 1 Test hours: 0 Test methd: Unknown Crouted: 1 Pmp cpcity: 0 Crouted: 1 Crouted: 1 Pmp cpcity: 0 Crouted: 1					
Swl: 54 Test depth: 0 Test nate: 0 Grouted: 1 Pmp cpcity: 0 Latitude: 42.2700940138 Unknown 0 Longitude: -84.4191991879 Weth doll: Interpolation-Map Elevation: 1011 Depth flag: Not Reported Swl flag: Not Reported Depth flag: Not Reported Swl flag: Not Reported Felev dif: 7 Elev dem: 1004 Elev dif: 7 Elev dem: 1004 Elev dif: 7 Elev dem: 1004 Pct aq: 52 Pct aq: 52 Eev dif: 7 Pct parmix: 1011 Aq code: Rock Well Aq flag: Not Reported Pct aq: 52 Pct aq: 26 Pct aq: 52 Pct aq: 26 Pct aq: 6 Pct maq: 0 Pct cm: 19 Pct cmd: 74 Pct		-			
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Test hours: 0 Test methd: Unknown Grouted: 1 Pmp cpcity: 0 Latitude: 42.2700940138 Pmp cpcity: 0 Longitude: -84.4191991879 Pmp cpcity: 0 Methd coll: Interpolation-Map Interpolation-Map Interpolation-Map Elev action: 1011 Depth flag: Not Reported Swl flag: Not Reported Pct action in the polation in the polation in in the polation					
Test rate: 0 Test methd: Unknown Grouted: 1 Pmp cpcity: 0 Latitude: 42.2700940138 0 Longitude: -84.4191991879 Welf of the polation of the polation of the polation of the polation. Welf of the polation of the polation of the polation. Elev and the polation: 1011 Depth flag: Not Reported Swl flag: Not Reported Rock Well Not Reported Elev dem: 1004 Elev dif: 7 Elev dem: 1004 Elev dif: 7 Elev dem: 1004 Rock Well Aq flag: Not Reported Pct aq: 52 Pct aq: 26 Pct aq: 52 Pct aq: 26 Pct aq: 81 Pct maq: 0 Pct cm: 48 Pct maq: 0 Pct cm: 19 Pct maq: 0 Pct cm: 19 Pct pcm: 0 Pct pcm d: 0 Pct pcm: 0 Pct pcm d: 0 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
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Latitude: 42.2700940138 Longitude: -84.4191991879 Methd coll: Interpolation-Map Elevation: 1011 Elev methd: Topographoc Map Interpolation Elev flag: Not Reported Swl flag: Not Reported Elev dem: 1004 Elev dif: 7 Elev miv: 1011 Aq code: Rock Well Aq flag: Not Reported Pct aq: 52 Pct aq d: 26 Pct aq d: 26 Pct aq d: 9 Pct maq d: 0 Pct maq r: 0 Pct cm d: 74 Pct cm r: 19 Pct pcm r: 0 Pct pcm r: 0 Pct pcm r: 0 Pct na d: 0 Pct na					
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Elev methd: Topographoc Map Interpolation Depth flag: Not Reported					
Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Swl flag: Not Reported 1004 Elev dif: 7 Elev dem: 1004 Elev dif: 7 Elev miv: 1011 Aq code: Rock Well Aq flag: Not Reported Pct aq: 52 Pct aq d: 26 Pct aq r: 81 Pct maq: 0 Pct maq d: 0 Pct maq: 0 Pct cm: 48 Pct cm d: 74 Pct cm r: 19 Pct pcm: 0 Pct na: 0 Pct pcm r: 0 Pct na: 0 Pct pcm r: 0 Pct na: 0 Pct pcm r: 0 Pct na: 0 Pct pdm r: 0 Pct na: 0 Pct flag: Not Reported					
Elev flag: Not Reported Swl flag: Not Reported Elev dem: 1004 Elev dif: 7 Elev miv: 1011 Aq code: Rock Well Aq flag: Not Reported Pct aq: 52 Pct aq d: 26 Pct aq r: 81 Pct maq: 0 Pct maq d: 0 Pct maq: 0 Pct ma d: 0 Pct maq r: 0 Pct cmr: 48 Pct cm d: 74 Pct cmr: 19 Pct pcm: 0 Pct pcm d: 0 Pct pcm: 0 Pct na: 0 Pct pcm r: 0 Pct na: 0 Pct flag: Not Reported Rock top: 53 D r type: Not Reported Spc cpcity: 0 A pct aq2: 0 A pc	Elev methd:		Depth flag:	Not Reported	
Swl flag: Not Reported Elev dem: 1004 Elev diff: 7 Elev miv: 1011 Aq code: Rock Well Aq flag: Not Reported Pct aq: 52 Pct aq d: 26 Pct aq r: 81 Pct maq: 0 Pct maq d: 0 Pct maq r: 0 Pct cm: 48 Pct cm d: 74 Pct cm: 19 Pct pcm: 0 Pct pcm d: 0 Pct pcm: 0 Pct pcm d: 0 Pct pcm: 0 Pct na: 0 Pct pcm: 0 Pct pcm: 0 A pct pcm: 0 A pct pcm: 0 A pct maq: 0 A pct	Elev flag:		1 0	·	
Elev dem: 1004 Elev dift: 7 Elev miv: 1011 Aq code: Rock Well Aq flag: Not Reported Pct aq: 52 Pct aq d: 26 Pct aq: 81 Pct maq: 0 Pct aq: 0 Pct maq: 0 Pct cm: 48 Pct cm d: 74 Pct cm r: 19 Pct pcm: 0 Pct pcm d: 0 Pct pcm: 0 Pct na: 0 Pct pcm: 0 Pct na: 0 Pct na d: 0 Pct na: 0 Pct flag: Not Reported Rock top: 53 D r type: Not Reported Spc cpcity: 0 A thicknes: 0 A pct aq: 0 A pct maq: 0 A pct pcm: 0 A pct maq: 0 A pct na: 0 A pct maq: 0 A pct na: 0 A pct maq: 0 A pct na: 0					
Aq flag: Not Reported Pct aq: 52 Pct aq d: 26 Pct aq r: 81 Pct maq: 0 Pct maq d: 0 Pct maq r: 0 Pct cm: 48 Pct cm d: 74 Pct cm r: 19 Pct pcm: 0 Pct pcm d: 0 Pct pcm: 0 Pct na: 0 Pct pcm: 0 Pct na: 0 Pct na d: 0 Pct na r: 0 Pct flag: Not Reported Rock top: 53 D r type: Not Reported Spc cpcity: 0 A pct mag: Not Reported Spc cpcity: 0 A pct maq: 0 A pct pcm: 0 A pct maq: 0 A pct na: 0 A pct cm: 0 A pct na: 0 A pct maq2: 0 A pct na2: 0 A pct maq2: 0 A pct na2: 0 A pct cm2: 0 A pct na2: 0 A pct maq2: 0 A pct na2: 0 <t< td=""><td>Elev dem:</td><td></td><td>Elev dif:</td><td>7</td><td></td></t<>	Elev dem:		Elev dif:	7	
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Pct maq: 0 Pct maq d: 0 Pct maq r: 0 Pct cm: 48 Pct cm d: 74 Pct cm r: 19 Pct pcm: 0 Pct pcm d: 0 Pct pcm r: 0 Pct na: 0 Pct pcm r: 0 Pct na: 0 Pct na d: 0 Pct na r: 0 Pct flag: Not Reported Rock top: 53 D r type: Not Reported Spc cpcity: 0 A thicknes: 0 A pct aq: 0 A pct maq: 0 A pct pcm: 0 A pct cm: 0 A pct na: 0 A pct maq: 0 A pct aq2: 0 A pct maq2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 A pct maq2: 0 A pct na: 0 A pct maq2: 0 A pct na: 0 A pct maq2: 0 A pct na: 0	Aq flag:	Not Reported	Pct aq:	52	
Pct maq r: 0 Pct cm: 48 Pct cm d: 74 Pct cm r: 19 Pct pcm: 0 Pct pcm d: 0 Pct pcm r: 0 Pct na: 0 Pct na d: 0 Pct na r: 0 Pct flag: Not Reported Rock top: 53 D r type: Not Reported Spc cpcity: 0 A thicknes: 0 A pct aq: 0 A pct maq: 0 A pct pcm: 0 A pct maq: 0 A pct pcm: 0 A pct maq: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 A pct cm2: 0 A pct na2: 0 A hit swl: F A hit top: T A hit rock: F A sc lith1: Not Reported A sc lmod1: Not Reported A sc lmaq2: Not Reported A sc lmod2: Not Reported A sc lmaq2: Not Reported	Pct aq d:		Pct aq r:	81	
Pct cm d: 74 Pct cm r: 19 Pct pcm: 0 Pct pcm d: 0 Pct pcm r: 0 Pct na: 0 Pct na d: 0 Pct na r: 0 Pct flag: Not Reported Rock top: 53 D r type: Not Reported Spc cpcity: 0 A thicknes: 0 A pct aq: 0 A pct maq: 0 A pct pcm: 0 A pct cm: 0 A pct na: 0 A pct maq2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 A pct cm2: 0 A pct na2: 0 A hit swl: F A hit top: T A hit rock: F A sc lith1: Not Reported A sc lmod1: Not Reported A sc lmaq1: Not Reported A sc lmod2: Not Reported Not Reported	Pct maq:	0	Pct maq d:	0	
Pct pcm: 0 Pct pcm d: 0 Pct pcm r: 0 Pct na: 0 Pct na d: 0 Pct na r: 0 Pct flag: Not Reported Rock top: 53 D r type: Not Reported Spc cpcity: 0 A thicknes: 0 A pct aq: 0 A pct maq: 0 A pct pcm: 0 A pct cm: 0 A pct na: 0 A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 A pct cm2: 0 A pct na2: 0 A hit swl: F A hit top: T A hit rock: F A sc lith1: Not Reported A sc lmod1: Not Reported A sc lmaq1: Not Reported A sc lmod2: Not Reported A sc lmaq2: Not Reported	Pct maq r:	0	Pct cm:	48	
Pct pcm r: 0 Pct na r: 0 Pct na d: 0 Pct na r: 0 Pct flag: Not Reported Rock top: 53 D r type: Not Reported Spc cpcity: 0 A thicknes: 0 A pct aq: 0 A pct maq: 0 A pct pcm: 0 A pct cm: 0 A pct na: 0 A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 A pct cm2: 0 A pct na2: 0 A hit swl: F A hit top: T A hit rock: F A sc lith1: Not Reported A sc lmod1: Not Reported A sc lmaq1: Not Reported A sc lmod2: Not Reported A sc lmaq2: Not Reported	Pct cm d:	74	Pct cm r:	19	
Pct na d: 0 Pct na r: 0 Pct flag: Not Reported Rock top: 53 D r type: Not Reported Spc cpcity: 0 A thicknes: 0 A pct aq: 0 A pct maq: 0 A pct pcm: 0 A pct cm: 0 A pct na: 0 A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 A pct cm2: 0 A pct na2: 0 A hit swl: F A hit top: T A hit rock: F A sc lith1: Not Reported A sc lmod1: Not Reported A sc lmaq1: Not Reported A sc lmod2: Not Reported A sc lmaq2: Not Reported	Pct pcm:	0	Pct pcm d:	0	
Pct flag: Not Reported Rock top: 53 D r type: Not Reported Spc cpcity: 0 A thicknes: 0 A pct aq: 0 A pct maq: 0 A pct pcm: 0 A pct cm: 0 A pct na: 0 A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 A pct cm2: 0 A pct na2: 0 A hit swl: F A hit top: T A hit rock: F A sc lith1: Not Reported A sc lmod1: Not Reported A sc lmaq1: Not Reported A sc lmod2: Not Reported A sc lmaq2: Not Reported	Pct pcm r:	0	Pct na:	0	
D r type: Not Reported Spc cpcity: 0 A thicknes: 0 A pct aq: 0 A pct maq: 0 A pct pcm: 0 A pct cm: 0 A pct na: 0 A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 A pct cm2: 0 A pct na2: 0 A hit swl: F A hit top: T A hit rock: F A sc lith1: Not Reported A sc Imaq1: Not Reported A sc Imaq1: Not Reported A sc Imaq2: Not Reported Not Reported Not Reported					
A thicknes: 0 A pct aq: 0 A pct maq: 0 A pct pcm: 0 A pct cm: 0 A pct na: 0 A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 A pct cm2: 0 A pct na2: 0 A hit swl: F A hit top: T A hit rock: F A sc lith1: Not Reported A sc Imaq1: Not Reported A sc Imaq1: Not Reported A sc Imod2: Not Reported A sc Imaq2: Not Reported					
A pct maq: 0 A pct pcm: 0 A pct cm: 0 A pct na: 0 A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 A pct cm2: 0 A pct na2: 0 A hit swl: F A hit top: T A hit rock: F A sc lith1: Not Reported A sc Imaq1: Not Reported A sc Imaq1: Not Reported A sc Imaq2: Not Reported Not Reported					
A pct cm: 0 A pct na: 0 A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 A pct cm2: 0 A pct na2: 0 A hit swl: F A hit top: T A hit rock: F A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc Imod2: Not Reported A sc Imaq2: Not Reported					
A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 A pct cm2: 0 A pct na2: 0 A hit swl: F A hit top: T A hit rock: F A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc Imod2: Not Reported A sc Imaq2: Not Reported					
A pct maq2: 0 A pct pcm2: 0 A pct cm2: 0 A pct na2: 0 A hit swl: F A hit top: T A hit rock: F A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc Ipct1: 0 A sc lith2: Not Reported A sc Imod2: Not Reported Not Reported	•		•		
A pct cm2: 0 A pct na2: 0 A hit swl: F A hit top: T A hit rock: F A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc Ipct1: 0 A sc lith2: Not Reported A sc Imod2: Not Reported A sc Imaq2: Not Reported					
A hit swl: F A hit top: T A hit rock: F A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc Ipct1: 0 A sc lith2: Not Reported A sc Imod2: Not Reported A sc Imaq2: Not Reported					
A hit rock: F A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc Ipct1: 0 A sc lith2: Not Reported A sc Imod2: Not Reported A sc Imaq2: Not Reported	•		•		
A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc Ipct1: 0 A sc lith2: Not Reported A sc Imaq2: Not Reported Not Reported Not Reported			•		
A sc lpct1: 0 A sc lith2: Not Reported A sc lmaq2: Not Reported					
A sc Imod2: Not Reported A sc Imaq2: Not Reported			•		
		-			
A SC IPCTZ: U Pct aq 1: 10		•			
Pct maq 1: 0 Pct cm 1: 90 Pct pcm 1: 0 Pct na 1: 0					

Pct aq 2: 60 Pct cm 2: 40 Pct na 2: 0 Pct maq 3: 0 Pct pcm 3: 0 Pct aq 4: 0 Pct cm 4: 0 Pct na 4: 0 Pct maq 5: 0 Pct pcm 5: 0 0 Pct aq 6: Pct cm 6: 0 Pct na 6: 0 Pct maq 7: 0 Pct pcm 7: 0 Pct aq 8: 0 Pct cm 8: 0 Pct na 8: 0 Pct maq 9: 0 Pct pcm 9: 0 Pct aq 10: 0 Pct cm 10: 0 Pct na 10: 0 Pct maq 11: 0 Pct pcm 11: 0 Pct aq 12: 0 Pct cm 12: 0 Pct na 12: 0 Pct maq 13: 0 0 Pct pcm 13: Within sec: Υ Aq code 1: R F Hit swl: 0 Athk2: Horiz Conduct: 109.09097 Vert Conduct: .00016 3600.0021 T2: D50plek: 193.48726 Pct maq 2: 0 Pct pcm 2: 0 0 Pct aq 3: Pct cm 3: 0 Pct na 3: 0 0 Pct maq 4: Pct pcm 4: 0 Pct aq 5: 0 Pct cm 5: 0 0 Pct na 5: Pct maq 6: 0 Pct pcm 6: 0 Pct aq 7: 0 0 Pct cm 7: 0 Pct na 7: Pct maq 8: 0 Pct pcm 8: 0 Pct aq 9: 0 Pct cm 9: 0 Pct na 9: 0 Pct maq 10: 0 Pct pcm 10: 0 0 Pct aq 11: Pct cm 11: 0 0 Pct na 11: Pct mag 12: 0 0 Pct pcm 12: Pct aq 13: 0 Pct cm 13: 0 Pct na 13: 0 Loc match: Υ

20 NE 1/4 - 1/2 Mile Higher

 Wellid:
 3800000976
 Import id:
 38720127001

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 27

Owner name: CONES, WILLIAM Well addr: 2200 CLARK

Well depth: 170
Well type: Household

Wssn: 0

 Well num:
 Not Reported
 Driller id:
 1150

 Const date:
 1980-08-08 00:00:00.000
 Case type:
 Unknown

Case dia: 5

MI WELLS

MI20116005

Case depth:	52		
Screen frm:	0		
Screen to:	0		
Swl:	55		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.2739067869		
Longitude:	-84.42090897		
Methd coll:	Interpolation-Map		
Elevation:	989		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	987	Elev dif:	2
Elev miv:	989	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	38
Pct aq d:	0	Pct aq r:	52
Pct maq:	0	Pct maq d:	0
Pct mag r:	0	Pct cm:	35
Pct cm d:	0	Pct cm r:	48
Pct pcm:	26	Pct pcm d:	100
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	45
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct ag:	0
A pct maq:	0	A pct aq. A pct pcm:	0
•	0		0
A pct cm:		A pct na:	-
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	-
A pct cm2:	0 F	A pct na2:	0 T
A hit swl:	F	A hit top:	=
A hit rock:	=	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	100
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct mag 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
- / F	-		-

Pct aq 10:	0	Pct mag 10:
Pct cm 10:	0	Pct pcm 10:
Pct na 10:	0	Pct aq 11:
Pct maq 11:	0	Pct cm 11:
Pct pcm 11:	0	Pct na 11:
Pct aq 12:	0	Pct maq 12:
Pct cm 12:	0	Pct pcm 12:
Pct na 12:	0	Pct aq 13:
Pct maq 13:	0	Pct cm 13:
Pct pcm 13:	0	Pct na 13:
Within sec:	Υ	Loc match:
Aq code 1:	R	
Hit swl:	F	
Athk2:	0	
Horiz Conduct:	.01	
Vert Conduct:	.01	
T2:	.25	
D50plek:	.01949	

21 West MI WELLS MI20116041 1/4 - 1/2 Mile

 Wellid:
 38000001013
 Import id:
 38720128002

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 28

 Owner name:
 LUCA, JAMES

Well addr: LUCA, JAMES
Well addr: 1322 WAYNE ST
Well depth: 36

Well type: Household

Lower

Wssn: 0

Well num: Not Reported Driller id: 167
Const date: 1978-04-17 00:00:00.000 Case type: Unknown

Case dia: 4 Case depth: 32 Screen frm: 32 Screen to: 36 Swl: 8 Test depth: 0 80 Test hours: 6 Test rate:

Test rate: 6 Test methd: Unknown Grouted: 0 Pmp cpcity: 0

 Latitude:
 42.2692297641

 Longitude:
 -84.4346988495

 Methd coll:
 Interpolation-Map

Elevation: 965

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 964 Elev dif: 1

965 Drift Well Elev miv: Aq code: Aq flag: Not Reported Pct aq: 17 Pct aq d: 17 Pct aq r: 0 0 Pct maq: 0 Pct maq d: Pct cm: Pct maq r: 0 0

Not Reported Not Reported

Y

Pct cm d:	0	Pct cm r:
Pct pcm:	83	Pct pcm d:
Pct pcm r:	0	Pct na:
Pct na d:	0	Pct na r:
Pct flag:	Not Reported	Rock top:
D r type:	Not Reported	Spc cpcity:
A thicknes:	6	A pct ag:
A pct maq:	0	A pct pcm:
A pct cm:	0	A pct na:
A thickns2:	28	A pct aq2:
A pct maq2:	0	A pct pcm2:
A pct cm2:	0	A pct na2:
A hit swl:	F	A hit top:
A hit rock:	F	A sc lith1:
A sc Imod1:	Not Reported	A sc lmaq1:
A sc lpct1:	100	A sc lith2:
A sc Imod2:	Not Reported	A sc lmaq2:
A sc lpct2:	0	Pct aq 1:
Pct maq 1:	0	Pct cm 1:
Pct pcm 1:	100	Pct na 1:
Pct aq 2:	0	Pct maq 2:
Pct cm 2:	0	Pct pcm 2:
Pct na 2:	0	Pct aq 3:
Pct maq 3:	0	Pct cm 3:
Pct pcm 3:	0	Pct na 3:
Pct aq 4:	0	Pct maq 4:
Pct cm 4:	0	Pct pcm 4:
Pct na 4:	0	Pct aq 5:
Pct maq 5:	0	Pct cm 5:
Pct pcm 5:	0	Pct na 5:
_ '	0	
Pct aq 6:		Pct maq 6:
Pct cm 6:	0	Pct pcm 6:
Pct na 6:	0	Pct aq 7:
Pct maq 7:	0	Pct cm 7:
Pct pcm 7:	0	Pct na 7:
Pct aq 8:	0	Pct maq 8:
Pct cm 8:	0	Pct pcm 8:
Pct na 8:	0	Pct aq 9:
Pct maq 9:	0	Pct cm 9:
Pct pcm 9:	0	Pct na 9:
Pct aq 10:	0	Pct maq 10:
Pct cm 10:	0	Pct pcm 10:
Pct na 10:	0	Pct aq 11:
Pct maq 11:	0	Pct cm 11:
Pct pcm 11:	0	Pct na 11:
Pct aq 12:	0	Pct maq 12:
Pct cm 12:	0	Pct pcm 12:
Pct na 12:	0	Pct aq 13:
Pct mag 13:	0	Pct cm 13:
Pct pcm 13:	0	Pct na 13:
Within sec:	Υ	Loc match:
Aq code 1:	D	
Hit swl:	F	
Athk2:	28	
Horiz Conduct:	21.42936	
Vert Conduct:	.00127	
T2:	600.022	
D50plek:	30.04936	

Мар	ID
Dire	ction
Dista	ance

Database EDR ID Number Elevation **D22 MI WELLS** MI20116038 **East** 1/4 - 1/2 Mile Higher Wellid: 38000001010 Import id: 38720127053 Township: Blackman County: Jackson Town range: 02S 01W Section: 27 BAKER, DARLENE Owner name: Well addr: 565 ANDREWS ST Well depth: 120 Well type: Household 0 Wssn: Well num: Driller id: 1593 Not Reported 1996-06-01 00:00:00.000 Const date: Case type: **PVC Plastic** Case dia: 5 Case depth: 65 Screen frm: 0 Screen to: 0 Swl: 50 Test depth: 63 Test hours: 1 Test rate: 15 Test methd: Unknown Grouted: Pmp cpcity: 42.2697496927 Latitude: Longitude: -84.4189798561 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 1010 Elev dif: Elev miv: 1010 Aq code: Unknown Lithology Aq flag: Not Reported Pct aq: 0 0 Pct aq d: 0 Pct aq r: Pct maq d: 0 Pct maq: 0 Pct mag r: 0 Pct cm: 0 Pct cm d: 0 Pct cm r: 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: 0 Pct na: 0 0 Pct na d: Pct na r: Not Reported Pct flag: Rock top: -3 D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 0 A thickns2: A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 100

Pct cm 2: 0 Pct na 2: 100 Pct maq 3: 0 Pct pcm 3: 0
Pct maq 3: 0
Pct pcm 3: 0
Pct aq 4: 0
Pct cm 4: 0
Pct na 4: 100
Pct maq 5: 0
Pct pcm 5: 0
Pct aq 6: 0
Pct cm 6: 0
Pct na 6: 0
Pct maq 7: 0
Pct pcm 7: 0
Pct aq 8: 0
Pct cm 8: 0
Pct na 8: 0
Pct maq 9: 0
Pct pcm 9: 0
Pct aq 10: 0
Pct cm 10: 0
Pct na 10: 0
Pct maq 11: 0
Pct pcm 11: 0
Pct aq 12: 0
Pct cm 12: 0
Pct na 12: 0
Pct maq 13: 0
Pct pcm 13: 0
Within sec: Y
Aq code 1: Not Reported
Hit swl: Not Reported

Pct maq 2:	
Pct pcm 2:	
Pct aq 3:	
Pct cm 3:	
Pct na 3:	
Pct maq 4:	
Pct pcm 4:	
Pct aq 5:	
Pct cm 5:	
Pct na 5:	
Pct maq 6:	
Pct pcm 6:	
Pct aq 7:	
Pct cm 7:	
Pct na 7:	
Pct maq 8:	
Pct pcm 8:	
Pct aq 9:	
Pct cm 9:	
Pct na 9:	
Pct maq 10:	
Pct pcm 10:	
Pct aq 11:	
Pct cm 11:	
Pct na 11:	
Pct maq 12:	
Pct pcm 12:	
Pct aq 13:	
Pct cm 13:	
Pct na 13:	
Loc match:	

0
0
0
0
100
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
Υ

E23 East 1/4 - 1/2 Mile Higher

Athk2:

T2:

D50plek:

Horiz Conduct:

Vert Conduct:

 Wellid:
 3800000986
 Import id:
 38720127011

 County:
 Jackson
 Township:
 Blackman

Section:

County: Jackson
Town range: 02S 01W
Owner name: BROWN, LARRY
Well addrt: 555 ROYAL DR

Well depth: 196
Well type: Household
Wssn: 0

Well num: Not Reported
Const date: 1992-08-04 00:00:00.000

0

0

0

0

Case dia: 5

Driller id: 1529
Case type: PVC Plastic

MI WELLS

27

MI20116014

Case depth: 51 Screen frm: 0 Screen to: 0 Swl: 46 Test depth: 100 Test hours: 2 Test rate: 30 Test methd: Unknown Grouted: Pmp cpcity: 42.2705785891 Latitude: -84.4178047378 Longitude: Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Swl flag: Not Reported Elev dem: 997 Elev dif: Elev miv: 1000 Aq code: Not Reported Lithology Problem (Drift under Rock)t aq: Aq flag: 0 Pct aq d: 0 Pct aq r: Pct mag: 0 Pct mag d: 0 Pct mag r: 0 Pct cm: 0 Pct cm d: 0 Pct cm r: 0 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: Pct na: 0 Pct na d: 0 Pct na r: Pct flag: Not Reported Rock top: -9 0 D r type: Not Reported Spc cpcity: A thicknes: 0 0 A pct aq: A pct maq: 0 A pct pcm: 0 0 0 A pct cm: A pct na: A thickns2: 0 A pct ag2: 0 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: A hit swl: F A hit top: Т A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: A sc Imaq2: A sc lpct2: 0 Pct aq 1: 20 Pct mag 1: 0 Pct cm 1: 65 Pct pcm 1: 15 Pct na 1: 0 0 0 Pct aq 2: Pct maq 2: 0 0 Pct cm 2: Pct pcm 2: 0 0 Pct na 2: Pct aq 3: Pct maq 3: 0 Pct cm 3: 0 Pct pcm 3: 0 Pct na 3: 0 Pct aq 4: 0 Pct maq 4: 0 Pct cm 4: 0 Pct pcm 4: 0 0 Pct na 4: 0 Pct aq 5: Pct maq 5: 0 Pct cm 5: 0 0 0 Pct pcm 5: Pct na 5: 0 0 Pct aq 6: Pct maq 6: 0 Pct cm 6: 0 Pct pcm 6: Pct na 6: 0 0 Pct aq 7: Pct maq 7: 0 Pct cm 7: 0 Pct pcm 7: 0 Pct na 7: 0 Pct aq 8: 0 Pct maq 8: 0 Pct cm 8: 0 Pct pcm 8: 0 Pct na 8: 0 Pct aq 9: 0 0 Pct maq 9: 0 Pct cm 9: 0 0 Pct na 9: Pct pcm 9:

Pct aq 10: 0 Pct maq 10: 0 Pct cm 10: 0 Pct pcm 10: 0 0 Pct na 10: 0 Pct aq 11: 0 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: 0 Pct aq 12: 0 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 0 Pct na 12: 0 Pct aq 13: 0 0 Pct maq 13: 0 Pct cm 13: Pct na 13: Pct pcm 13: 0 0 Υ Within sec: Υ Loc match:

Aq code 1: Not Reported Hit swl: Not Reported

 Athk2:
 0

 Horiz Conduct:
 0

 Vert Conduct:
 0

 T2:
 0

 D50plek:
 0

Higher

E24
East MI WELLS MI20119132
1/4 - 1/2 Mile

Wellid:3800005106Import id:Not ReportedCounty:JacksonTownship:BlackmanTown range:02S 01WSection:27

Owner name: DANNY WILLIAMS

Well addr: 617 ROYAL DRIVE Well depth: 200

Well type: Household Wssn: 0

Well num: Not Reported Driller id: 1686

Const date: 2001-08-09 00:00:00.000 Case type: PVC Plastic

 Case dia:
 5

 Case depth:
 62

 Screen frm:
 0

 Screen to:
 0

 Swl:
 40

 Test depth:
 100

 Test hours:
 0

Test rate: 15 Test methd: Air Grouted: 1 Pmp cpcity: 0

Latitude: 42.27033457
Longitude: -84.41769857
Methd coll: Interpolation-Map

Elevation: 0

Elev methd: DEM30M Depth flag: Not Reported

Elev flag: Elevation < DEMmin or Elevation > DEMmax

Swl flag: Not Reported

Elev dem: 997 997 Elev dif: Rock Well Elev miv: 997 Aq code: Aq flag: Not Reported Pct aq: 44 Pct aq d: 34 Pct aq r: 45 Pct maq: 33 Pct maq d: 0 38 20 Pct maq r: Pct cm:

Pct cm d:	34	Pct cm r:	17
Pct pcm:	5	Pct pcm d:	31
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	29
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	·		0
	0	A pct aq:	
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	50
Pct mag 1:	0	Pct cm 1:	50
Pct pcm 1:	0	Pct na 1:	0
•			0
Pct aq 2:	0	Pct maq 2:	
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
-	0		0
Pct pcm 7:		Pct na 7:	
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
		Loc materi.	ī
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.01		
Vert Conduct:	.01		
T2:	.09		
D50plek:	.0028		

Map ID
Direction
Distance
Flancation

Database EDR ID Number Elevation E25 **MI WELLS** MI20116013 1/4 - 1/2 Mile Higher Wellid: 38000000985 Import id: 38720127010 Township: Blackman County: Jackson Town range: 02S 01W Section: 27 RILEY, DA Owner name: Well addr: 551 ROYAL DR Well depth: 77 Well type: Household 0 Wssn: Well num: Driller id: Not Reported 167 1991-07-31 00:00:00.000 **PVC Plastic** Const date: Case type: 5 Case dia: Case depth: 49 Screen frm: 0 Screen to: 0 Swl: 43 Test depth: 47 Test hours: 1 Test rate: 20 Test methd: Unknown Grouted: Pmp cpcity: 42.2708689376 Latitude: Longitude: -84.417581612 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 997 Elev dif: Elev miv: 1002 Aq code: Rock Well Aq flag: Not Reported Pct aq: 35 82 Pct aq d: 0 Pct aq r: Pct maq d: 25 Pct maq: 14 Pct mag r: 0 Pct cm: 8 Pct cm d: 0 Pct cm r: 18 Pct pcm: 21 Pct pcm d: 36 Pct pcm r: 0 Pct na: 0 0 Pct na d: 0 Pct na r: Not Reported 44 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 0 A thickns2: A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 20 Pct cm 1: 0 Pct pcm 1: 80 Pct na 1: 0

Pct maq 2:	35
Pct pcm 2:	0
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

F26 ENE 1/4 - 1/2 Mile MI WELLS MI20116024

Import id:

Township:

Section:

Driller id:

Case type:

Wellid: 38000000996 County: Jackson Town range: 02S 01W

Owner name: WILLOUGHBY, KAREN 579 SHIRLEY DR Well addr:

Well depth: 180 Well type: Household

Wssn: 0

Higher

Not Reported Well num:

1985-02-26 00:00:00.000 Const date:

5 Case dia:

38720127021 Blackman

107 **PVC Plastic**

27

Case depth:	67		
Screen frm:	0		
Screen to:	0		
Swl:	60		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.2734383095		
Longitude:	-84.4185152056		
Methd coll:	Interpolation-Map		
Elevation:	988		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	984	Elev dif:	4
Elev miv:	988	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	48
Pct aq d:	26	Pct aq r:	54
Pct mag:	0	Pct maq d:	0
Pct mag r:	0	Pct cm:	52
Pct cm d:	74	Pct cm r:	46
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	39
D r type:	AQ / AQ	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct aq. A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
	0	A pct aq2. A pct pcm2:	0
A pct maq2: A pct cm2:	0	A pct pcm2. A pct na2:	0
A hit swl:	F	•	T
A hit rock:	F	A hit top:	=
	=	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0 Not Departed	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	30
Pct maq 1:	0	Pct cm 1:	70
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10: 0 Pct maq 10: 0 Pct cm 10: 0 Pct pcm 10: 0 0 Pct na 10: 0 Pct aq 11: 0 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: 0 Pct aq 12: 0 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 0 Pct na 12: 0 Pct aq 13: 0 0 Pct maq 13: 0 Pct cm 13: 0 Pct na 13: Pct pcm 13: 0 Υ Υ Within sec: Loc match: Aq code 1: R Hit swl: F Athk2: 0

 Horiz Conduct:
 31.57903

 Vert Conduct:
 .00013

 T2:
 600.0015

 D50plek:
 20.38998

Higher

E27
East MI WELLS MI20120082
1/4 - 1/2 Mile

Wellid:3800006890Import id:Not ReportedCounty:JacksonTownship:BlackmanTown range:02S 01WSection:27

Owner name: Todd & Holly Jenkins

Well addr: 544 Andrew Avenue
Well depth: 76

Well type: Household Wssn: 0

Well num: Not Reported Driller id: 167

 Case dia:
 5

 Case depth:
 57

 Screen frm:
 0

 Screen to:
 0

 Swl:
 49

 Test depth:
 51

 Test hours:
 1

Test rate: 30 Test methd: Test Pump Grouted: 1 Pmp cpcity: 12

Latitude: 42.27010814
Longitude: -84.41735639
Methd coll: Interpolation-Map

Elevation: 0

Elev methd: DEM30M Depth flag: Not Reported

Elev flag: Elevation < DEMmin or Elevation > DEMmax

Swl flag: Not Reported

Elev dem: 997 997 Elev dif: Rock Well Elev miv: 997 Aq code: Aq flag: Not Reported Pct aq: 57 Pct aq d: 23 Pct aq r: 100 Pct maq: 16 Pct maq d: 28 0 0 Pct maq r: Pct cm:

Pct cm d:	0	Pct cm r:	0
Pct pcm:	28	Pct pcm d:	49
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	43
D r type:	AQ / AQ	Spc cpcity:	.600000023841858
A thicknes:	0	A pct aq:	0
	0		0
A pct maq:		A pct pcm:	0
A pct cm:	0	A pct na:	-
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Т
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct ag 2:	35	Pct mag 2:	60
•		'	
Pct cm 2:	0	Pct pcm 2:	5
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0		0
_	0	Pct pcm 8:	0
Pct na 8:		Pct aq 9:	
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Ag code 1:	R	200 maton.	•
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	48.73913		
Vert Conduct:	10		
T2:	1121		
D50plek:	44.58804		

Map ID
Direction
Distance
Flevation

Database EDR ID Number F28 **MI WELLS** MI20116023 **ENE** 1/4 - 1/2 Mile Higher Wellid: 38000000995 Import id: 38720127020 Township: Blackman County: Jackson Town range: 02S 01W 27 Section: BROWN, WILIE Owner name: Well addr: 571 SHIRLEY DR Well depth: 150 Well type: Household 0 Wssn: Well num: Driller id: 1150 Not Reported 1988-01-30 00:00:00.000 Const date: Case type: **PVC Plastic** Case dia: 5 Case depth: 80 Screen frm: 0 Screen to: 0 Swl: 62 Test depth: 62 Test hours: 3 Test rate: 26 Test methd: Unknown Grouted: Pmp cpcity: Latitude: 42.2732726829 Longitude: -84.4182175602 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: 987 Elev dem: Elev dif: Elev miv: 988 Aq code: Not Reported Aq flag: Lithology Problem (Drift under RodRa)t ag: 0 0 Pct aq d: Pct aq r: 0 Pct maq: 0 Pct maq d: Pct mag r: 0 Pct cm: 0 Pct cm d: 0 Pct cm r: 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: 0 Pct na: 0 0 Pct na d: Pct na r: Not Reported -9 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported A sc Imod2: Not Reported A sc Imaq2: Not Reported A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 0

Pct aq 2:	0
Pct cm 2:	0
Pct na 2:	0
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	0
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	Not Reported
Hit swl:	Not Reported
4.1.1.6	^

Pct maq 2:	0
Pct pcm 2:	0
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

G29 SW 1/2 - 1 Mile Higher

Athk2:

T2:

D50plek:

Horiz Conduct:

Vert Conduct:

 Wellid:
 38000001026

 County:
 Jackson

 Town range:
 02S 01W

 Owner name:
 LEE, WILLIS

 Well addr:
 1250 WAYNE ST

Well depth: 88

Well type: Household

Wssn: 0

Well num: Not Reported
Const date: 1968-02-10 00:00:00.000

0

0

0

0

0

Case dia: 4

MI WELLS MI20116054

38720128015 Blackman

28

Driller id: 167 Case type: Unknown

Import id:

Township:

Section:

Case depth: 46 Screen frm: 0 Screen to: 0 Swl: 21 22 Test depth: Test hours: 2 Test rate: 30 Test methd: Unknown Grouted: 0 Pmp cpcity: 42.2656092154 Latitude: -84.4347650181 Longitude: Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Swl flag: Not Reported 987 Elev dem: Elev dif: 2 Rock Well Elev miv: 989 Aq code: Not Reported 100 Aq flag: Pct aq: 100 Pct aq d: Pct aq r: 100 Pct mag: 0 Pct mag d: 0 Pct mag r: 0 Pct cm: 0 Pct cm d: 0 Pct cm r: 0 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: Pct na: 0 Pct na d: 0 Pct na r: Pct flag: Not Reported Rock top: 21 0 D r type: AQ / AQ Spc cpcity: A thicknes: 0 A pct aq: A pct maq: 0 A pct pcm: 0 0 0 A pct cm: A pct na: A thickns2: 0 A pct ag2: 0 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: A hit swl: F F A hit top: A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported Not Reported A sc lpct1: A sc lith2: Not Reported A sc Imod2: Not Reported A sc Imaq2: 100 A sc lpct2: Pct aq 1: Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 0 0 0 Pct aq 2: Pct maq 2: Pct cm 2: 0 0 Pct pcm 2: 0 0 Pct na 2: Pct aq 3: Pct maq 3: 0 Pct cm 3: 0 Pct pcm 3: 0 Pct na 3: 0 Pct aq 4: 0 Pct maq 4: 0 Pct cm 4: 0 Pct pcm 4: 0 0 Pct na 4: 0 Pct aq 5: Pct maq 5: 0 Pct cm 5: 0 0 0 Pct pcm 5: Pct na 5: 0 0 Pct aq 6: Pct maq 6: 0 Pct cm 6: 0 Pct pcm 6: Pct na 6: 0 Pct aq 7: 0 Pct maq 7: 0 Pct cm 7: 0 Pct pcm 7: 0 Pct na 7: 0 Pct aq 8: 0 Pct maq 8: 0 Pct cm 8: 0 Pct pcm 8: 0 Pct na 8: 0 Pct aq 9: 0 0 Pct maq 9: 0 Pct cm 9: 0 0 Pct na 9: Pct pcm 9:

Pct aq 10:	0	Pct mag 10:
Pct cm 10:	0	Pct pcm 10:
Pct na 10:	0	Pct aq 11:
Pct maq 11:	0	Pct cm 11:
Pct pcm 11:	0	Pct na 11:
Pct aq 12:	0	Pct maq 12:
Pct cm 12:	0	Pct pcm 12:
Pct na 12:	0	Pct aq 13:
Pct maq 13:	0	Pct cm 13:
Pct pcm 13:	0	Pct na 13:
Within sec:	Υ	Loc match:
Aq code 1:	R	
Hit swl:	F	
Athk2:	0	
Horiz Conduct:	300	
Vert Conduct:	300	
T2:	300	

H30 NE 1/2 - 1 Mile MI20116007 **MI WELLS**

Higher

D50plek:

38720127003 Wellid: 38000000978 Import id: County: Jackson Township: Blackman Town range: 02S 01W Section: 27

Owner name: RANDALL, PAUL Well addr: 613 MURPHY

.55776

Well depth: 200 Well type: Household

0 Wssn:

Well num: Not Reported Driller id: 1559 Const date: 1994-04-23 00:00:00.000 Case type: Unknown

Case dia: 5 Case depth: 68 Screen frm: 0 Screen to: 0 Swl: 44 Test depth: 64 Test hours: 1

Test rate: 15 Test methd: Unknown Grouted: Pmp cpcity:

Latitude: 42.2749005829 Longitude: -84.4189148267 Methd coll: Interpolation-Map

Elevation: 987

Pct maq r:

Elev methd: Not Reported Topographoc Map Interpolation Depth flag:

Elev flag: Not Reported Not Reported Swl flag:

Elev dem: 984 Elev dif: 3

987 Rock Well Elev miv: Aq code: Aq flag: Not Reported Pct aq: 31 Pct aq d: 52 Pct aq r: 22 0 0 Pct maq: Pct maq d: Pct cm: 0 8

Pct cm d:	24	Pct cm r:	0
Pct pcm:	8	Pct pcm d:	24
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	62
D r type:	AQ / AQ	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imag1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
	0	Pct aq 1:	0
A sc lpct2:		•	
Pct maq 1:	0	Pct cm 1:	25
Pct pcm 1:	75	Pct na 1:	0
Pct aq 2:	50	Pct maq 2:	0
Pct cm 2:	50	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct mag 13:	0	Pct cm 13:	0
•	0	Pct na 13:	0
Pct pcm 13: Within sec:	Y	Loc match:	Y
		Loc materi.	ı
Aq code 1:	R F		
Hit swl:			
Athk2:	0		
Horiz Conduct:	228.57145		
Vert Conduct:	.00042		
T2:	9600.001		
D50plek:	626.04399		

Мар	ID
Dire	ction
Dista	ance

Database EDR ID Number Elevation G31 SW **MI WELLS** MI20118500 1/2 - 1 Mile Higher Wellid: 38000004218 Import id: Not Reported Township: Blackman County: Jackson 02S 01W Town range: Section: 28 **DONNA ADAMS** Owner name: Well addr: WAYNE STREET Well depth: 200 Well type: Household 0 Wssn: Well num: Driller id: 1559 Not Reported 2000-09-14 00:00:00.000 Const date: Case type: **PVC Plastic** Case dia: 5 Case depth: 39 Screen frm: 0 Screen to: 0 Swl: 45 Test depth: 55 Test hours: 1 Test rate: 30 Test methd: Air Grouted: Pmp cpcity: 10 42.26553408 Latitude: Longitude: -84.4350065 Methd coll: Interpolation-Map Elevation: Elev methd: DEM30M Depth flag: Not Reported Elev flag: Elevation < DEMmin or Elevation > DEMmax Not Reported Swl flag: Elev dem: 987 987 Elev dif: Elev miv: 987 Aq code: Rock Well Aq flag: Not Reported Pct aq: 36 42 Pct aq d: 6 Pct aq r: Pct maq d: 0 Pct maq: 13 Pct mag r: 15 Pct cm: 40 Pct cm d: 26 Pct cm r: 42 Pct pcm: 12 Pct pcm d: 69 Pct pcm r: 0 Pct na: 0 0 Pct na d: 0 Pct na r: Not Reported 35 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 0 A thickns2: A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 10 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 90 Pct na 1: 0

Pct aq 2:	0
Pct cm 2:	0
Pct na 2:	0
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	0
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	R
Hit swl:	F
Athk2:	0
Horiz Conduct:	.00046
Vert Conduct:	.00016
T2:	.0069
D50plek:	.00049

Pct maq 2:	0
Pct pcm 2:	0
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8: Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct mag 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

I32
NW MI WELLS MI20116072
1/2 - 1 Mile
Higher

Import id:

Township:

Section:

 Wellid:
 38000001044

 County:
 Jackson

 Town range:
 02S 01W

Owner name: ALGER, LEON BLDGR

Well addr: 1684 LYNN DR

Well depth: 110
Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 106
Const date: 1970-08-24 00:00:00.000 Case type: Unknown

Case dia: 4

38720128033

Blackman

28

Case depth: 47 Screen frm: 0 Screen to: 0 Swl: 27 27 Test depth: Test hours: 2 Test rate: 14 Test methd: Unknown Grouted: 0 Pmp cpcity: 42.2751418653 Latitude: -84.4348446966 Longitude: Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Swl flag: Not Reported Elev dem: 981 Elev dif: 0 Rock Well Elev miv: 981 Aq code: Not Reported Aq flag: Pct aq: 0 Pct aq d: 0 Pct aq r: Pct mag: 0 Pct mag d: 0 Pct mag r: 0 Pct cm: 48 Pct cm d: 0 Pct cm r: 63 Pct pcm: 43 Pct pcm d: 100 25 0 Pct pcm r: Pct na: Pct na d: 0 Pct na r: 0 Pct flag: Not Reported Rock top: 26 D r type: Not Reported Spc cpcity: 0 A thicknes: 0 0 A pct aq: A pct maq: 0 A pct pcm: 0 0 0 A pct cm: A pct na: A thickns2: 0 A pct ag2: 0 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: A hit swl: F A hit top: F A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported Not Reported A sc lpct1: A sc lith2: Not Reported A sc Imod2: A sc Imaq2: Not Reported A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 100 Pct na 1: 0 0 Pct aq 2: 0 Pct maq 2: 0 0 Pct cm 2: Pct pcm 2: 0 0 Pct na 2: Pct aq 3: Pct maq 3: 0 Pct cm 3: 0 Pct pcm 3: 0 Pct na 3: 0 Pct aq 4: 0 Pct maq 4: 0 Pct cm 4: 0 Pct pcm 4: 0 0 Pct na 4: 0 Pct aq 5: Pct maq 5: 0 Pct cm 5: 0 0 0 Pct pcm 5: Pct na 5: 0 0 Pct aq 6: Pct maq 6: 0 Pct cm 6: 0 Pct pcm 6: Pct na 6: 0 Pct aq 7: 0 Pct maq 7: 0 Pct cm 7: 0 Pct pcm 7: 0 Pct na 7: 0 Pct aq 8: 0 Pct maq 8: 0 Pct cm 8: 0 Pct pcm 8: 0 Pct na 8: 0 Pct aq 9: 0 0 Pct maq 9: 0 Pct cm 9: 0 0 Pct na 9: Pct pcm 9:

Pct aq 10:	0	Pct mag 10:
Pct cm 10:	0	Pct pcm 10:
Pct na 10:	0	Pct aq 11:
Pct mag 11:	0	Pct cm 11:
Pct pcm 11:	0	Pct na 11:
Pct aq 12:	0	Pct maq 12:
Pct cm 12:	0	Pct pcm 12:
Pct na 12:	0	Pct aq 13:
Pct maq 13:	0	Pct cm 13:
Pct pcm 13:	0	Pct na 13:
Within sec:	Υ	Loc match:
Aq code 1:	R	
Hit swl:	F	
Athk2:	0	
Horiz Conduct:	.001	
Vert Conduct:	.001	
T2:	.006	

I33 NW MI WELLS MI20116071 1/2 - 1 Mile

Higher

T2: D50plek:

 Wellid:
 38000001043
 Import id:
 38720128032

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 28

Owner name: ALGER, LEON, BLDGR

.00017

Well addr: 1682 LYNN DR

Well depth: 110 Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 106
Const date: 1970-08-20 00:00:00.000 Case type: Unknown

 Case dia:
 4

 Case depth:
 36

 Screen frm:
 0

 Screen to:
 0

 Swl:
 27

 Test depth:
 27

 Test hours:
 2

Test rate: 14 Test methd: Unknown Grouted: 0 Pmp cpcity: 0

Latitude: 42.2749261509
Longitude: -84.4351870348
Methd coll: Interpolation-Map

Elevation: 981

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 981 Elev dif: 0

Elev miv: 981 Aq code: Rock Well

Aq flag: Not Reported Pct aq: 0 Pct aq d: 0 Pct aq r: 0 0 Pct maq: 0 Pct maq d: 0 55 Pct maq r: Pct cm:

5		- .	
Pct cm d:	0	Pct cm r:	71
Pct pcm:	36	Pct pcm d:	100
Pct pcm r:	17	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	26
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.001		
Vert Conduct:	.001		
T2:	.006		
D50plek:	.00017		
•			

Мар	ID
Dire	ction
Dista	ance

Database EDR ID Number Elevation H34 NE **MI WELLS** MI20116006 1/2 - 1 Mile Higher Wellid: 38000000977 Import id: 38720127002 Township: Blackman County: Jackson Town range: 02S 01W Section: 27 GUSCINSKI, LEO Owner name: Well addr: 626 MURPHY ST Well depth: 75 Well type: Household 0 Wssn: Well num: Driller id: 167 Not Reported 1977-11-04 00:00:00.000 Const date: Case type: Unknown Case dia: 4 Case depth: 63 Screen frm: 0 Screen to: 0 Swl: 41 Test depth: 42 3 Test hours: Test rate: 15 Test methd: Unknown Grouted: Pmp cpcity: 42.2755269012 Latitude: Longitude: -84.4192535354 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: 984 Elev dem: Elev dif: Elev miv: 984 Aq code: Not Reported Aq flag: Lithology Problem (Drift under RodRa)t ag: 0 0 Pct aq d: Pct aq r: 0 Pct maq: 0 Pct maq d: Pct mag r: 0 Pct cm: 0 Pct cm d: 0 Pct cm r: 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: 0 Pct na: 0 0 Pct na d: Pct na r: Not Reported -9 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 100 Pct na 1: 0

Pct aq 2:	0
Pct cm 2:	0
Pct na 2:	0
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	0
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	Not Reported
Hit swl:	Not Reported

0

0

0

0

0

Pct maq 2:
Pct pcm 2:
Pct aq 3:
Pct cm 3:
Pct na 3:
Pct maq 4:
Pct pcm 4:
Pct aq 5:
Pct cm 5:
Pct na 5:
Pct maq 6:
Pct pcm 6:
Pct aq 7:
Pct cm 7:
Pct na 7:
Pct maq 8:
Pct pcm 8:
Pct aq 9:
Pct cm 9:
Pct na 9:
Pct maq 10:
Pct pcm 10:
Pct aq 11:
Pct cm 11:
Pct na 11:
Pct maq 12:
Pct pcm 12:
Pct aq 13:
Pct cm 13:
Pct na 13:
Loc match:

Import id:

Township:

Section:

Driller id:

Case type:

0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
Υ

J35 East 1/2 - 1 Mile Higher

Athk2:

T2:

D50plek:

Horiz Conduct:

Vert Conduct:

Wellid: 38000001000 County: Jackson Town range: 02S 01W

Owner name: HAYWORTH, LEWIS 512 ROYAL DR Well addr:

Well depth: 141 Well type: Household Wssn: 0

Well num: Not Reported 1967-06-21 00:00:00.000 Const date:

Case dia:

MI WELLS MI20116028

106

Unknown

27

38720127025 Blackman

Case depth:	72		
Screen frm:	0		
Screen to:	0		
Swl:	63		
Test depth:	80		
Test hours:	2		
Test rate:	20	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.271218532		
Longitude:	-84.416499289		
Methd coll:	Interpolation-Map		
Elevation:	998		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported	-1	
Swl flag:	Not Reported		
Elev dem:	997	Elev dif:	1
Elev miv:	998	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	9
Pct aq d:	0	Pct aq r:	13
Pct mag:	0	Pct maq d:	0
Pct mag r:	0	Pct cm:	56
Pct cm d:	0	Pct cm r:	87
_	35	Pct pcm d:	100
Pct pcm:	0	Pct na:	0
Pct pcm r: Pct na d:			-
	0 Not Deported	Pct na r:	0
Pct flag:	Not Reported	Rock top:	50
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T Not Donostod
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0 Not Because d	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	100
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	(
Pct cm 10:	0	Pct pcm 10:	(
Pct na 10:	0	Pct aq 11:	(
Pct maq 11:	0	Pct cm 11:	(
Pct pcm 11:	0	Pct na 11:	(
Pct aq 12:	0	Pct maq 12:	(
Pct cm 12:	0	Pct pcm 12:	(
Pct na 12:	0	Pct aq 13:	(
Pct maq 13:	0	Pct cm 13:	(
Pct pcm 13:	0	Pct na 13:	(
Within sec:	Υ	Loc match:	,
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.01		
Vert Conduct:	.01		
T2:	.3		
D50plek:	.02759		

36 WNW MI WELLS MI20116043 1/2 - 1 Mile

 Wellid:
 38000001015
 Import id:
 38720128004

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 28

Owner name: LESKOVICH, ROBERT

Well addr: 2072 ALDRICH

Well depth: 150 Well type: Household

Wssn: 0

Higher

Well num: Not Reported Driller id: 1150

Const date: 1990-12-13 00:00:00.000 Case type: PVC Plastic

 Case dia:
 5

 Case depth:
 80

 Screen frm:
 0

 Screen to:
 0

 Swl:
 45

 Test depth:
 45

 Test hours:
 3

Test rate: 0 Test methd: Unknown Grouted: 1 Pmp cpcity: 0

Latitude: 42.2739753828 Longitude: -84.4360823739 Methd coll: Interpolation-Map

Elevation: 980

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 981 Elev dif: 1

Elev miv: 980 Aq code: Not Reported

 Aq flag:
 Lithology Problem (Drift under Rock)t aq:
 0

 Pct aq d:
 0
 Pct aq r:
 0

 Pct maq:
 0
 Pct maq d:
 0

 Pct maq r:
 0
 Pct cm:
 0

	_		_
Pct cm d:	0	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-9
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct mag2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imag1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
	•		•
A sc lpct2:	0	Pct aq 1:	75 25
Pct maq 1:	0	Pct cm 1:	25
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct mag 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct mag 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct mag 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
	•	Loc match.	Ţ
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		

Map ID
Direction
Distance
Flevation

Database EDR ID Number 37 SW **MI WELLS** MI20116055 1/2 - 1 Mile Higher Wellid: 38000001027 Import id: 38720128016 Township: Blackman County: Jackson Town range: 02S 01W Section: 28 FRIEND, ANTHONY Owner name: Well addr: 1215 WAYNE ST Well depth: 200 Well type: Household 0 Wssn: Well num: Driller id: 106 Not Reported 1980-07-30 00:00:00.000 Const date: Case type: Unknown Case dia: 4 Case depth: 74 Screen frm: 0 Screen to: 0 Swl: 57 Test depth: 67 2 Test hours: Test rate: 16 Test methd: Unknown Grouted: Pmp cpcity: 42.2643080857 Latitude: Longitude: -84.4338264468 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 997 Elev dif: Elev miv: 1002 Aq code: Rock Well Aq flag: Not Reported Pct aq: 4 0 Pct aq d: 13 Pct aq r: 3 Pct maq d: 0 Pct maq: Pct mag r: 4 Pct cm: 66 Pct cm d: 36 Pct cm r: 78 Pct pcm: 12 Pct pcm d: 38 Pct pcm r: 0 Pct na: 1 0 3 Pct na d: Pct na r: Not Reported 61 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 0 A thickns2: A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: F F A hit swl: A hit top: A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 90 Pct na 1: 10

Pct maq 2: Pct pcm 2: Pct aq 3: Pct cm 3: Pct na 3: Pct maq 4: Pct pcm 4: Pct aq 5: Pct cm 5: Pct na 5:	0 25 40 35 25 0 0 0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9: Pct na 9:	0
	0
Pct maq 10:	0
Pct pcm 10: Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Y

G38 WSW 1/2 - 1 Mile Higher

Wellid: 3800003266
County: Jackson
Town range: 02S 01W
Owner name: David Wallace
Well addr: 1239 Winifred

Well depth: 197 Well type: Household

Wssn: 0

Well num: Not Reported
Const date: 2000-06-08 10:45:02.000

Case dia: 5

MI WELLS MI20118098

2033

28

Not Reported Blackman

PVC Plastic

Import id:

Township:

Section:

Driller id:

Case type:

Case depth:	28		
Screen frm:	0		
Screen to:	0		
Swl:	29		
Test depth:	197		
Test hours:	3		
Test rate:	50	Test methd:	Air
Grouted:	1	Pmp cpcity:	0
Latitude:	42.2660056	Timp opolity.	O
Longitude:	-84.43585529		
Methd coll:	Address Matching-House Number	er	
Elevation:	988	0.	
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported	Boptii nag.	Not reported
Swl flag:	Not Reported		
Elev dem:	991	Elev dif:	3
Elev miv:	988	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	28
Pct aq d:	43	Pct aq r:	26
Pct maq:	63	Pct maq d:	0
Pct maq r:	74	Pct cm:	3
Pct cm d:	21	Pct cm r:	0
Pct pcm:	5	Pct pcm d:	36
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	28
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct aq. A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct aqz. A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	, F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	50
Pct mag 1:	0	Pct cm 1:	0
Pct pcm 1:	50	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
p			-

Pct aq 10: 0 Pct maq 10: 0 Pct cm 10: 0 Pct pcm 10: 0 0 Pct na 10: 0 Pct aq 11: 0 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: 0 Pct aq 12: 0 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 0 Pct na 12: 0 Pct aq 13: 0 0 Pct maq 13: 0 Pct cm 13: 0 Pct pcm 13: Pct na 13: 0 Υ Υ Within sec: Loc match: Aq code 1: R Hit swl: F

 Athk2:
 0

 Horiz Conduct:
 25.00007

 Vert Conduct:
 .00013

 T2:
 200.0006

 D50plek:
 3.04507

I39 NW MI WELLS MI20116070 1/2 - 1 Mile

Import id:

Township:

Section:

 Wellid:
 38000001042

 County:
 Jackson

 Town range:
 02S 01W

Owner name: ALGER, LEON, BLDGR

Well addr: 1680 LYNN DR

Well depth: 102
Well type: Household

Wssn: 0

Lower

Well num: Not Reported Driller id: 106
Const date: 1970-07-28 00:00:00.000 Case type: Unknown

 Case dia:
 4

 Case depth:
 63

 Screen frm:
 0

 Screen to:
 0

 Swl:
 22

 Test depth:
 40

 Test hours:
 2

Test rate: 15 Test methd: Unknown Grouted: 0 Pmp opcity: 0

Latitude: 42.2750824875 Longitude: -84.4355433538 Methd coll: Interpolation-Map

Elevation: 982

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 977 Elev dif: 5

Elev miv: 982 Aq code: Rock Well

Aq flag: Not Reported Pct aq: 0 Pct aq d: 0 Pct aq r: 0 0 Pct maq: 0 Pct maq d: 0 66 Pct maq r: Pct cm:

38720128031

Blackman

28

Pct cm d:	0	Pct cm r:	100
Pct pcm:	34	Pct pcm d:	100
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	35
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.01		
Vert Conduct:	.01		
T2:	.15		
D50plek:	.00738		
•			

Map ID
Direction
Distance

Distance				
Elevation			Database	EDR ID Number
40 East 1/2 - 1 Mile Higher			MI WELLS	MI20116040
Wellid:	38000001012	Import id:	38720127402	
County:	Jackson	Township:	Blackman	
Town range:	02S 01W	Section:	27	
Owner name:	PAULY'S			
Well addr:	1900 LANSING			
Well depth:	0			
Well type:	Type II public			
Wssn:	2037238			
Well num:	001	Driller id:	0	
Const date:	Not Reported	Case type:	Unknown	
Case dia:	0			
Case depth:	0			
Screen frm:	0			
Screen to:	0			
Swl:	999.99			
Test depth:	0			
Test hours:	0	To at we other	Halisania	
Test rate:	0	Test methd:	Unknown	
Grouted: Latitude:	1	Pmp cpcity:	0	
	42.2701 -84.416			
Longitude: Methd coll:	GPS Code Measuremer	at Differential (DCPS)		
Elevation:	0	it billerential (bGF3)		
Elev methd:	DEM30M	Depth flag:	Well Depth = 0	
Elev flag:	Elevation < DEMmin or		vveii Deptii = 0	
Swl flag:	SWL > Well Depth	Licvation > DEIVINIAX		
Elev dem:	997	Elev dif:	997	
Elev miv:	997	Aq code:	Unknown Lithology	
Aq flag:	Not Reported	Pct aq:	0	
Pct aq d:	0	Pct aq r:	0	
Pct maq:	0	Pct mag d:	0	
Pct maq r:	0	Pct cm:	0	
Pct cm d:	0	Pct cm r:	0	
Pct pcm:	0	Pct pcm d:	0	
Pct pcm r:	0	Pct na:	0	
Pct na d:	0	Pct na r:	0	
Pct flag:	Not Reported	Rock top:	-3	
D r type:	Not Reported	Spc cpcity:	0	
A thicknes:	0	A pct aq:	0	
A pct maq:	0	A pct pcm:	0	
A pct cm:	0	A pct na:	0	
A thickns2:	0	A pct aq2:	0	
A pct maq2:	0	A pct pcm2:	0	
A pct cm2:	0	A pct na2:	0	
A hit swl:	F	A hit top:	T Not Deposited	
A hit rock:	F Not Deported	A sc lith1:	Not Reported	
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported	
A sc lpct1: A sc lmod2:	0 Not Reported	A sc lith2: A sc lmaq2:	Not Reported Not Reported	
A sc inidaz. A sc lpct2:	Not Reported	Pct aq 1:	0	
Pct maq 1:	0	Pct cm 1:	0	
Pct pcm 1:	0	Pct na 1:	0	
** p ***** **	-		-	

Pct aq 2:	0
Pct cm 2:	0
Pct na 2:	0
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	0
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	Not Reported
Hit swl:	Not Reported

Pct maq 2: 0 Pct pcm 2: 0 Pct aq 3: 0 0 Pct cm 3: Pct na 3: 0 Pct maq 4: 0 Pct pcm 4: 0 Pct aq 5: 0 0 Pct cm 5: Pct na 5: 0 Pct maq 6: 0 Pct pcm 6: 0 Pct aq 7: 0 0 Pct cm 7: 0 Pct na 7: Pct maq 8: 0 0 Pct pcm 8: Pct aq 9: 0 Pct cm 9: 0 Pct na 9: 0 Pct maq 10: 0 0 Pct pcm 10: 0 Pct aq 11: Pct cm 11: 0 Pct na 11: 0 Pct maq 12: 0 Pct pcm 12: 0 0 Pct aq 13: Pct cm 13: 0 Pct na 13: 0 Loc match: Υ

J41 East 1/2 - 1 Mile Higher

Athk2:

T2:

D50plek:

Horiz Conduct:

Vert Conduct:

Wellid: 3800001008 Import id:
County: Jackson Township:
Town range: 02S 01W Section:

Owner name: MONROE, MARY ELLEN

0

0

0

0

0

Well addr: 510 ROYAL DR

Well depth: 220 Well type: Household

Wssn: 0

 Well num:
 Not Reported
 Driller id:
 1944

 Const date:
 1994-01-13 00:00:00.000
 Case type:
 PVC Plastic

Case dia: 5

MI WELLS

38720127033

Blackman

27

MI20116036

Case depth:	109		
Screen frm:	0		
Screen to:	0		
Swl:	54		
Test depth:	90		
Test hours:	1		
Test rate:	25	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.2714413845	1 -1 - 9	
Longitude:	-84.4159994916		
Methd coll:	Interpolation-Map		
Elevation:	995		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported	Boptii hag.	140t Reported
Swl flag:	Not Reported		
Elev dem:	997	Elev dif:	2
Elev miv:	995	Aq code:	Rock Well
		•	14
Aq flag:	Not Reported	Pct aq:	
Pct aq d:	9	Pct aq r:	19
Pct maq:	30	Pct maq d:	0
Pct maq r:	57	Pct cm:	21
Pct cm d:	18	Pct cm r:	24
Pct pcm:	35	Pct pcm d:	73
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	105
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Т
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct mag 2:	0
Pct cm 2:	0	Pct pcm 2:	100
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
	100	Pct na 3:	0
Pct pcm 3:	15		0
Pct aq 4: Pct cm 4:	0	Pct maq 4:	85
		Pct pcm 4:	
Pct na 4:	0	Pct aq 5:	30
Pct maq 5:	0	Pct cm 5:	70
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	5.30085		
Vert Conduct:	.00043		

42 West MI WELLS MI20120873 1/2 - 1 Mile

Import id:

Township:

Section:

 Wellid:
 38000008398

 County:
 Jackson

 Town range:
 02S 01W

D50plek:

Lower

Owner name: BOB & WENDY SIMPSON Well addr: 1202 LONG FELLOW

450.5719

69.59277

Well depth: 140
Well type: Household

Wssn: House

Well num: Not Reported Driller id: 1559

Const date: 2005-02-18 00:00:00.000 Case type: PVC Plastic

 Case dia:
 5

 Case depth:
 70

 Screen frm:
 0

 Screen to:
 0

 Swl:
 32

 Test depth:
 50

 Test hours:
 1

Test rate: 30 Test methd: Unknown Grouted: 1 Pmp cpcity: 10

Latitude: 42.268792 Longitude: -84.437781 Methd coll: Interpolation-Map

Elevation: 964

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 964 Elev dif: 0

Elev miv: 964 Aq code: Not Reported

 Aq flag:
 Lithology Problem (Drift under Rock)t aq:
 0

 Pct aq d:
 0
 Pct aq r:
 0

 Pct maq:
 0
 Pct maq d:
 0

 Pct maq r:
 0
 Pct cm:
 0

Not Reported

Blackman

28

.			
Pct cm d:	0	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-9
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	55
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	45	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct ag 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct mag 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct mag 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		
200pion.	·		

Мар	ID
Direc	ction
Dista	nce
-1	_ 4:

Database EDR ID Number Elevation I43 NW **MI WELLS** MI20116069 1/2 - 1 Mile Lower Wellid: 38000001041 Import id: 38720128030 Township: Blackman County: Jackson Town range: 02S 01W 28 Section: ALGER, LEON, BLDGR Owner name: Well addr: **1678 LYNN DR** Well depth: 123 Well type: Household 0 Wssn: Well num: Driller id: 106 Not Reported 1970-07-28 00:00:00.000 Const date: Case type: Unknown Case dia: 4 Case depth: 63 Screen frm: 0 Screen to: 0 Swl: 22 Test depth: 42 2 Test hours: Test rate: 18 Test methd: Unknown Grouted: Pmp cpcity: 42.2750723971 Latitude: Longitude: -84.4358994385 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dif: Elev dem: 977 Elev miv: 980 Aq code: Rock Well Aq flag: Not Reported Pct aq: 38 28 Pct aq d: 77 Pct aq r: 0 Pct maq: Pct maq d: 0 Pct mag r: 0 Pct cm: 57 Pct cm d: 0 Pct cm r: 72 Pct pcm: 5 Pct pcm d: 23 0 Pct pcm r: Pct na: 0 0 0 Pct na d: Pct na r: Not Reported 26 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: F F A hit swl: A hit top: A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported A sc Imod2: Not Reported A sc Imaq2: Not Reported 100 A sc lpct2: 0 Pct aq 1: Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 0

Pct aq 2: Pct cm 2: Pct na 2: Pct maq 3: Pct pcm 3: Pct aq 4: Pct cm 4: Pct maq 5: Pct pcm 5: Pct aq 6: Pct cm 6: Pct na 6: Pct maq 7: Pct pcm 7: Pct pcm 7: Pct aq 8: Pct cm 8: Pct na 8: Pct maq 9: Pct pcm 9: Pct aq 10: Pct cm 10: Pct maq 11: Pct pcm 11: Pct pcm 12: Pct cm 12: Pct cm 12: Pct maq 13: Pct pcm 13: Within sec: Aq code 1:	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Pct aq 12: Pct cm 12:	0
Pct na 12: Pct maq 13: Pct pcm 13: Within sec:	0 0 0 V

Pct maq 2:	0
Pct pcm 2:	0
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	-
Loc match:	Y

G44 SW 1/2 - 1 Mile Higher

 Wellid:
 38000001031
 Import id:
 38720128020

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 28

Owner name: STERNER, ED Well addr: 1234 WINIFRED

Well depth: 115 Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 1150
Const date: 1978-06-02 00:00:00.000 Case type: PVC Plastic

Case dia: 5

MI WELLS

MI20116059

Case depth:	32		
Screen frm:	0		
Screen to:	0		
Swl:	22		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.2652335081		
Longitude:	-84.4360370541		
Methd coll:	Interpolation-Map		
Elevation:	992		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported	Dopur hag.	Not reported
Swl flag:	Not Reported		
Elev dem:	991	Elev dif:	1
Elev miv:	992		Rock Well
		Aq code:	
Aq flag:	Not Reported	Pct aq:	80
Pct aq d:	0	Pct aq r:	100
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	20
Pct cm d:	100	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	23
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imag1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
_ `	0	Pct mag 2:	0
Pct aq 2:		_ '	
Pct cm 2: Pct na 2:	0 0	Pct pcm 2:	0
		Pct aq 3:	-
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

38720128024

Blackman

28

Pct ag 10:	0	Pct mag 10:
Pct cm 10:	0	Pct pcm 10:
Pct na 10:	0	Pct aq 11:
Pct maq 11:	0	Pct cm 11:
Pct pcm 11:	0	Pct na 11:
Pct aq 12:	0	Pct maq 12:
Pct cm 12:	0	Pct pcm 12:
Pct na 12:	0	Pct aq 13:
Pct maq 13:	0	Pct cm 13:
Pct pcm 13:	0	Pct na 13:
Within sec:	Υ	Loc match:
Aq code 1:	R	
Hit swl:	F	
Athk2:	0	
Horiz Conduct:	.0001	
Vert Conduct:	.0001	
T2:	.0003	
D50plek:	.00001	

K45 WSW MI WELLS MI20116063 1/2 - 1 Mile

Wellid: 3800001035 Import id: County: Jackson Township: Town range: 02S 01W Section:

Owner name: AUGUSTINE, MIKE Well addr: 1237 LONGFELLOW

Well depth: 138
Well type: Household

Well type: Househol Wssn: 0

Higher

Well num: Not Reported Driller id: 1529
Const date: 1993-05-13 00:00:00.000 Case type: PVC Plastic

 Case dia:
 5

 Case depth:
 47

 Screen frm:
 0

 Screen to:
 0

 Swl:
 12

 Test depth:
 45

 Test hours:
 2

Test rate: 30 Test methd: Unknown Grouted: 1 Pmp cpcity: 0

Latitude: 42.2663967366
Longitude: -84.4370900154
Methd coll: Interpolation-Map

Elevation: 983

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 984 Elev dif: 1

Elev miv: 983 Aq code: Rock Well Aq flag: Not Reported Pct aq: 4

 Aq flag:
 Not Reported
 Pct aq:
 4

 Pct aq d:
 0
 Pct aq r:
 6

 Pct maq:
 0
 Pct maq d:
 0

 Pct maq r:
 0
 Pct cm:
 36

Pct cm d:	81	Pct cm r:	19
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	37
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
	0		0
A sc lpct2:		Pct aq 1:	
Pct maq 1:	0	Pct cm 1:	65
Pct pcm 1:	0	Pct na 1:	35
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct mag 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct mag 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct mag 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
	R	Loc materi.	'
Aq code 1: Hit swl:	F		
Athk2: Horiz Conduct:	0		
	.0001		
Vert Conduct: T2:	.0001		
	.0017		
D50plek:	.00017		

Мар	ID
Dire	ction
Dista	ance

istance levation			Database	EDR ID Numbe
6 W /2 - 1 Mile ower			MI WELLS	MI20116068
Wellid:	38000001040	Import id:	38720128029	
County:	Jackson	Township:	Blackman	
Town range:	02S 01W	Section:	28	
Owner name:	ALGER, LEON , BLDGR	occion.	20	
Well addr:	1676 LYNN DR			
Well depth:	108			
Well type:	Household			
Wssn:	0			
Well num:	Not Reported	Driller id:	106	
Const date:	1970-07-24 00:00:00.000	Case type:	Unknown	
Case dia:	4	oudd typo.	S. M. IOWI	
Case depth:	63			
Screen frm:	0			
Screen to:	0			
Swl:	19			
Test depth:	19			
Test hours:	1.5			
Test rate:	18	Test methd:	Unknown	
Grouted:	0	Pmp cpcity:	0	
Latitude:	42.275101456	i inp opolty.	0	
Longitude:	-84.4362029002			
Methd coll:	Interpolation-Map			
Elevation:	979			
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported	
Elev flag:	Not Reported	Беритпау.	Not Reported	
Swl flag:	Not Reported	Flour diffe	2	
Elev dem:	977 979	Elev dif:	Z Rock Well	
Elev miv:		Aq code:		
Aq flag:	Not Reported	Pct aq:	25	
Pct aq d:	0	Pct aq r:	33	
Pct maq:	0	Pct maq d:	0	
Pct maq r:	0	Pct cm:	51	
Pct cm d:	0	Pct cm r:	67	
Pct pcm:	24	Pct pcm d:	100	
Pct pcm r:	0	Pct na:	0	
Pct na d:	0 Nat Bassartad	Pct na r:	0	
Pct flag:	Not Reported	Rock top:	26	
D r type:	Not Reported	Spc cpcity:	0	
A thicknes:	0	A pct aq:	0	
A pct maq:	0	A pct pcm:	0	
A pct cm:	0	A pct na:	0	
A thickns2:	0	A pct aq2:	0	
A pct maq2:	0	A pct pcm2:	0	
A pct cm2:	0	A pct na2:	0	
A hit swl:	F	A hit top:	F	
A hit rock:	F	A sc lith1:	Not Reported	
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported	
A sc lpct1:	0	A sc lith2:	Not Reported	
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported	
A sc lpct2:	0	Pct aq 1:	0	
Pct maq 1:	0	Pct cm 1:	0	
Pct pcm 1:	100	Pct na 1:	0	

Pct aq 2: Pct cm 2: Pct na 2: Pct maq 3: Pct pcm 3: Pct aq 4: Pct cm 4: Pct na 4: Pct maq 5: Pct pcm 5: Pct aq 6:	0 0 0 0 0 0 0 0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Y
Aq code 1:	R
Hit swl:	F
Athk2:	0
Horiz Conduct: Vert Conduct:	.001 .001
T2:	.001
D50plek:	.006
Dooplek.	.00017

Pct maq 2:	0
Pct pcm 2:	0
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Y

L47 ENE 1/2 - 1 Mile Higher

 Wellid:
 3800000994
 Import id:
 38720127019

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 27

Owner name: RAND, MICHAEL Well addr: 538 SHIRLEY DR

Well depth: 230 Well type: Household

Wssn: 0

Well num: Not Reported Driller id:
Const date: 1979-08-02 00:00:00.000 Case type:

Case dia: 5

MI WELLS MI20116022

1150

Steel-black

Case depth:	57		
Screen frm: Screen to:	0		
	0		
Swl:	46		
Test depth:	0		
Test hours:	0	To at an other.	I lala acces
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.2740087604		
Longitude:	-84.4164560035		
Methd coll:	Interpolation-Map		
Elevation:	989	Death floor	Nat Danasta d
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported	Flavorit.	2
Elev dem:	991	Elev dif:	Z Rock Well
Elev miv:	989	Aq code:	
Aq flag:	Not Reported	Pct aq:	41
Pct aq d:	0	Pct aq r:	50 0
Pct maq:	0	Pct maq d:	-
Pct maq r:	0	Pct cm:	41
Pct cm d:	0	Pct cm r:	50
Pct pcm:	17	Pct pcm d:	100
Pct pcm r:	0	Pct na:	0
Pct na d:	0 Not Deposited	Pct na r:	0
Pct flag:	Not Reported	Rock top:	40
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T Nat Danastasi
A hit rock:	F Not Deposited	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0 Not Deported	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	-
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	100 0
Pct na 2:		Pct aq 3:	-
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0 0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct mag 5:	0	Pct aq 5: Pct cm 5:	0
Pct maq 5:	0		0
Pct pcm 5:		Pct na 5:	0
Pct aq 6: Pct cm 6:	0	Pct maq 6:	0
	0	Pct pcm 6:	
Pct mag 7:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:		Pct maq 8:	0
Pct cm 8: Pct na 8:	0	Pct pcm 8:	0
_	0	Pct aq 9: Pct cm 9:	0
Pct maq 9:	0	Pct na 9:	0
Pct pcm 9:	·	ı otila ə.	J

Pct aq 10:	0	Pct maq 10:
Pct cm 10:	0	Pct pcm 10:
Pct na 10:	0	Pct aq 11:
Pct maq 11:	0	Pct cm 11:
Pct pcm 11:	0	Pct na 11:
Pct aq 12:	0	Pct maq 12:
Pct cm 12:	0	Pct pcm 12:
Pct na 12:	0	Pct aq 13:
Pct maq 13:	0	Pct cm 13:
Pct pcm 13:	0	Pct na 13:
Within sec:	Υ	Loc match:
Aq code 1:	R	
Hit swl:	F	
Athk2:	0	
Horiz Conduct:	.01	
Vert Conduct:	.01	
T2:	.2	
D50plek:	.01275	

M48 SW 1/2 - 1 Mile MI20116060 **MI WELLS**

Higher

Wellid: 38000001032 Import id: 38720128021 County: Jackson Township: Blackman Town range: 02S 01W Section: 28 Owner name: LEE, CHARLES

Well addr: 1232 WINIFRED Well depth: 95

Well type: Household

0 Wssn:

Well num: Not Reported Driller id: 1156 Const date: 1978-06-30 00:00:00.000 Case type: Unknown

Case dia: 5 Case depth: 45 Screen frm: 0 Screen to: 0 Swl: 30 Test depth: 0 0 Test hours:

0 Test rate: Test methd: Unknown Grouted: Pmp cpcity:

Latitude: 42.2648410236 Longitude: -84.4361324576 Methd coll: Interpolation-Map

Elevation: 995

Pct maq r:

Elev methd: Not Reported Topographoc Map Interpolation Depth flag:

Elev flag: Not Reported Not Reported Swl flag:

Elev dem: 991 Elev dif:

995 Rock Well Elev miv: Aq code: Aq flag: Not Reported Pct aq: 21 Pct aq d: 0 Pct aq r: 27 Pct maq: 0 Pct maq d: 0 Pct cm: 0 21

Pct cm d:	100	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	20
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct mag 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
DC0=lal.	0		

D50plek:

0

Мар	ID
Direc	ction
Dista	nce

Distance Elevation			Database	EDR ID Number
N49 NE I/2 - 1 Mile Higher			MI WELLS	MI20116031
Wellid:	38000001003	Import id:	38720127028	
County:	Jackson	Township:	Blackman	
Town range:	02S 01W	Section:	27	
Owner name:	DUKE, AUSTIN			
Well addr:	2324 KINT CT			
Well depth:	70			
Well type:	Household			
Wssn:	0			
Well num:	Not Reported	Driller id:	1517	
Const date:	1977-02-24 00:00:00.000	Case type:	Unknown	
Case dia:	4			
Case depth:	61			
Screen frm:	0			
Screen to:	0			
Swl:	45			
Test depth:	55			
Test hours:	4			
Test rate:	20	Test methd:	Unknown	
Grouted:	0	Pmp cpcity:	0	
Latitude:	42.2761879803			
Longitude:	-84.418217823			
Methd coll:	Interpolation-Map			
Elevation:	985			
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported	
Elev flag:	Not Reported		·	
Swl flag:	Not Reported			
Elev dem:	984	Elev dif:	1	
Elev miv:	985	Aq code:	Rock Well	
Aq flag:	Not Reported	Pct aq:	13	
Pct aq d:	0	Pct aq r:	28	
Pct maq:	0	Pct maq d:	0	
Pct maq r:	0	Pct cm:	0	
Pct cm d:	0	Pct cm r:	0	
Pct pcm:	19	Pct pcm d:	0	
Pct pcm r:	41	Pct na:	0	
Pct na d:	0	Pct na r:	0	
Pct flag:	Not Reported	Rock top:	38	
D r type:	Not Reported	Spc cpcity:	0	
A thicknes:	0	A pct aq:	0	
A pct maq:	0	A pct pcm:	0	
A pct cm:	0	A pct na:	0	
A thickns2:	0	A pct aq2:	0	
A pct maq2:	0	A pct pcm2:	0	
A pct cm2:	0	A pct na2:	0	
A hit swl:	F	A hit top:	Ť	
A hit rock:	F	A sc lith1:	Not Reported	
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported	
A sc lpct1:	0	A sc lith2:	Not Reported	
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported	
A sc lpct2:	0	Pct aq 1:	0	
Pct maq 1:	0	Pct cm 1:	0	

Pct aq 2:	0
Pct cm 2:	0
Pct na 2:	0
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	0
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	Not Reported
Hit swl:	Not Reported
4 -1 1 -5	^

Pct maq 2:	0
Pct pcm 2:	0
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7: Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct mag 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

MI WELLS	MI20116021

Driller id:

Case type:

 Wellid:
 3800000993

 County:
 Jackson

 Town range:
 02S 01W

 Owner name:
 COX, RICHARD

 Well addr:
 530 SHIRLEY DR

0

0

0

0

Well depth: 180 Well type: Household

Wssn: 0

Athk2:

D50plek:

L50 ENE 1/2 - 1 Mile Higher

T2:

Horiz Conduct:

Vert Conduct:

Well num: Not Reported
Const date: 1985-04-18 00:00:00.000

Case dia: 4

Import id: 38720127018
Township: Blackman
Section: 27

106

Steel-black

Case depth: 62 Screen frm: 0 0 Screen to: 53 Swl: Test depth: 73 Test hours: 2 Test rate: 15 Test methd: Unknown Grouted: 0 Pmp cpcity: 42.27381375 Latitude: -84.4160689845 Longitude: Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Swl flag: Not Reported Elev dem: 987 Elev dif: 2 Rock Well Elev miv: 989 Aq code: Not Reported Aq flag: Pct aq: 0 Pct aq d: 0 Pct aq r: Pct mag: 1 Pct mag d: 0 Pct mag r: Pct cm: 37 1 Pct cm d: 0 Pct cm r: 52 Pct pcm: 54 Pct pcm d: 100 35 0 Pct pcm r: Pct na: Pct na d: 0 Pct na r: 0 Pct flag: Not Reported Rock top: 52 D r type: Not Reported Spc cpcity: 0 A thicknes: 0 0 A pct aq: A pct maq: 0 A pct pcm: 0 0 0 A pct cm: A pct na: A thickns2: 0 A pct ag2: 0 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: A hit swl: F A hit top: Т A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported Not Reported A sc lpct1: A sc lith2: Not Reported A sc Imod2: A sc Imaq2: Not Reported A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 100 Pct na 1: 0 0 Pct maq 2: Pct aq 2: 0 0 Pct cm 2: Pct pcm 2: 100 0 Pct na 2: Pct aq 3: 0 Pct maq 3: 0 Pct cm 3: 0 Pct pcm 3: 0 Pct na 3: 0 Pct aq 4: 0 Pct maq 4: 0 Pct cm 4: 0 Pct pcm 4: 0 0 Pct na 4: 0 Pct aq 5: Pct maq 5: 0 Pct cm 5: 0 0 0 Pct pcm 5: Pct na 5: 0 0 Pct aq 6: Pct maq 6: 0 Pct cm 6: 0 Pct pcm 6: Pct na 6: 0 Pct aq 7: 0 Pct maq 7: 0 Pct cm 7: 0 Pct pcm 7: 0 Pct na 7: 0 Pct aq 8: 0 Pct maq 8: 0 Pct cm 8: 0 Pct pcm 8: 0 Pct na 8: 0 Pct aq 9: 0 0 Pct maq 9: 0 Pct cm 9: 0 0 Pct na 9: Pct pcm 9:

Pct aq 10:	0	Pct mag 10:
Pct cm 10:	0	Pct pcm 10:
Pct na 10:	0	Pct aq 11:
Pct mag 11:	0	Pct cm 11:
Pct pcm 11:	0	Pct na 11:
Pct aq 12:	0	Pct maq 12:
Pct cm 12:	0	Pct pcm 12:
Pct na 12:	0	Pct aq 13:
Pct maq 13:	0	Pct cm 13:
Pct pcm 13:	0	Pct na 13:
Within sec:	Υ	Loc match:
Aq code 1:	R	
Hit swl:	F	
Athk2:	0	
Horiz Conduct:	.001	
Vert Conduct:	.001	

MI20116056 **MI WELLS**

O51 SW 1/2 - 1 Mile Higher

T2:

D50plek:

Wellid: 38000001028 Import id: 38720128017 County: Jackson Township: Blackman Section: Town range: 02S 01W 28

Owner name: ALLEN, LACEY Well addr: 1150 WAYNE ST

.032

.00397

Well depth: 120 Well type: Household

0 Wssn:

Well num: Driller id: 1077 Not Reported

Const date: 1986-09-05 00:00:00.000 Case type: **PVC Plastic**

Case dia: 5 Case depth: 46 Screen frm: 0 0 Screen to: Swl: 40 Test depth: 120 Test hours: 1

Test rate: 15 Test methd: Unknown Grouted: 1 Pmp cpcity:

Latitude: 42.263522478 Longitude: -84.4347376222 Methd coll: Interpolation-Map

1003 Elevation:

Not Reported Elev methd: Topographoc Map Interpolation Depth flag:

Elev flag: Not Reported Not Reported Swl flag:

Elev dem: 1000 Elev dif: 3

Rock Well Elev miv: 1003 Aq code:

Aq flag: Not Reported Pct aq: 0 Pct aq d: 0 Pct aq r: 0 0 Pct maq: 33 Pct maq d: 45 67 Pct maq r: Pct cm:

Pct cm d:	100	Pct cm r:	55
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	32
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imag1:	Not Reported
A sc lpct1:	0	A sc lith2:	
A sc Imod2:			Not Reported
	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct mag 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct mag 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
		Loc materi.	ı
Aq code 1:	R F		
Hit swl:			
Athk2:	0		
Horiz Conduct:	.0001		
Vert Conduct:	.0001		
T2:	.0012		
D50plek:	.00009		

Мар	ID
Direc	ction
Dista	ince

Direction				
Distance Elevation			Database	EDR ID Number
			Database	LDIVID Namber
52 ENE			MI WELLS	MI20116030
1/2 - 1 Mile				
Higher				
Wellid:	38000001002	Import id:	38720127027	
County:	Jackson	Township:	Blackman	
Town range:	02S 01W	Section:	27	
Owner name:	HARDY, MONTE			
Well addr:	573 MURPHY DR			
Well depth:	156			
Well type:	Household			
Wssn:	0			
Well num:	Not Reported	Driller id:	106	
Const date:	1990-10-28 00:00:00.000	Case type:	Steel-black	
Case dia:	4			
Case depth:	71			
Screen frm:	0			
Screen to:	0			
Swl:	37			
Test depth:	47			
Test hours:	2			
Test rate:	15	Test methd:	Unknown	
Grouted:	1	Pmp cpcity:	0	
Latitude:	42.2750322758			
Longitude:	-84.4167714556			
Methd coll:	Interpolation-Map			
Elevation:	996			
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported	
Elev flag:	Not Reported			
Swl flag:	Not Reported			
Elev dem:	994	Elev dif:	2	
Elev miv:	996	Aq code:	Rock Well	
Aq flag:	Not Reported	Pct aq:	21	
Pct aq d:	51	Pct aq r:	0	
Pct maq:	8	Pct maq d:	0	
Pct maq r:	13	Pct cm:	41	
Pct cm d:	0	Pct cm r:	69	
Pct pcm:	31	Pct pcm d:	49	
Pct pcm r:	18	Pct na:	0	
Pct na d:	0 Not Reported	Pct na r:	0	
Pct flag:	Not Reported Not Reported	Rock top:	63 0	
D r type:	•	Spc cpcity:		
A thicknes:	0 0	A pct aq: A pct pcm:	0 0	
A pct maq: A pct cm:	0	A pct na:	0	
A thickns2:	0	A pct aq2:	0	
A pct maq2:	0	A pct aqz. A pct pcm2:	0	
A pct cm2:	0	A pct na2:	0	
A hit swl:	F	A hit top:	T	
A hit rock:	F	A sc lith1:	Not Reported	
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported	
A sc lpct1:	0	A sc lith2:	Not Reported	
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported	
A sc lpct2:	0	Pct aq 1:	25	
Pct maq 1:	0	Pct cm 1:	0	
Pct pcm 1:	75	Pct na 1:	0	
. or poin 1.			Ŭ	

Pct aq 2:	100
Pct cm 2: Pct na 2:	0
Pct mag 3:	0
Pct pcm 3:	75
Pct ag 4:	0
Pct cm 4:	0
Pct na 4:	0
Pct mag 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13: Pct pcm 13:	0
Within sec:	Y
Aq code 1:	R
Hit swl:	F
Athk2:	0
Horiz Conduct:	179.07349
Vert Conduct:	.02687
T2:	7700.16
D50plek:	519.55608

D	_
Pct maq 2:	0
Pct pcm 2:	0
Pct aq 3:	25
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct mag 12:	0
Pct pcm 12:	0
Pct ag 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

M53 SW MI WELLS MI20116061 1/2 - 1 Mile

 Wellid:
 38000001033

 County:
 Jackson

 Town range:
 02S 01W

 Owner name:
 HAYES, CLYDE

 Well addr:
 1212 WINIFRED

Well depth: 122 Well type: Household

Wssn: 0

Higher

Well num: Not Reported
Const date: 1977-06-24 00:00:00.000

Case dia: 5

Import id: 38720128022
Township: Blackman
Section: 28

Driller id: 1150 Case type: Unknown

Case depth:	52		
Screen frm:	0		
Screen to:	0		
Swl:	27		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.2643595319		
Longitude:	-84.4360356188		
Methd coll:	Interpolation-Map		
Elevation:	996		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported	Beput hag.	Not reported
Swl flag:	Not Reported		
Elev dem:	994	Elev dif:	2
Elev miv:	996		Rock Well
		Aq code:	
Aq flag:	Not Reported	Pct aq:	10
Pct aq d:	0	Pct aq r:	17
Pct maq:	48	Pct maq d:	0
Pct maq r:	83	Pct cm:	43
Pct cm d:	100	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	52
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct ag 2:	0	Pct mag 2:	0
Pct cm 2:	100		0
Pct na 2:	0	Pct pcm 2:	0
		Pct aq 3:	-
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.0001		
Vert Conduct:	.0001		

M54

M54 SW 1/2 - 1 Mile Higher

D50plek:

Wellid:3800003932Import id:Not ReportedCounty:JacksonTownship:BlackmanTown range:02S 01WSection:28

Owner name: JIM CRAFT BUILDERS

.0032

.00055

Well addr: 1233 WINIFRED

Well depth: 65

Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 2228

 Case dia:
 5

 Case depth:
 37

 Screen frm:
 0

 Screen to:
 0

 Swl:
 30

 Test depth:
 65

 Test hours:
 0

Test rate: 60 Test methd: Air Grouted: 1 Pmp cpcity: 12

Latitude: 42.26402433 Longitude: -84.43574386 Methd coll: Interpolation-Map

Elevation: 0

Elev methd: DEM30M Depth flag: Not Reported

Elev flag: Elevation < DEMmin or Elevation > DEMmax

Swl flag: Not Reported

Elev dem: 994 994 Elev dif: 994 Rock Well Elev miv: Aq code: Aq flag: Not Reported Pct aq: 46 Pct aq d: 54 Pct aq r: 41 Pct maq: 0 Pct maq d: 0 0 46 Pct maq r: Pct cm:

MI20118335

MI WELLS

Pct cm d:	29	Pct cm r:	59
Pct pcm:	8	Pct pcm d:	18
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	28
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	75
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	25	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct mag 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct mag 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.0001		
Vert Conduct:	.0001		
T2:	.0008		
D50plek:	.00004		
F			

Мар	ID
Dire	ction
Dista	ance

Database EDR ID Number Elevation K55 WSW **MI WELLS** MI20116066 1/2 - 1 Mile Lower Wellid: 38000001038 Import id: 38720128027 Township: Blackman County: Jackson Town range: 02S 01W 28 Section: JONAS HOME CONST Owner name: Well addr: 1238 LONGFELLOW Well depth: 80 Well type: Household 0 Wssn: Well num: Driller id: 404 Not Reported 1969-01-07 00:00:00.000 Const date: Case type: Unknown Case dia: 4 Case depth: 28 Screen frm: 0 Screen to: 0 Swl: 18 Test depth: 30 2 Test hours: Test rate: 30 Test methd: Unknown Grouted: Pmp cpcity: 42.266408817 Latitude: Longitude: -84.4380080197 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: 981 Elev dif: Elev dem: Elev miv: 980 Aq code: Unknown Lithology Aq flag: Not Reported Pct aq: 0 0 Pct aq d: 0 Pct aq r: 0 Pct maq: 0 Pct maq d: Pct mag r: 0 Pct cm: 0 Pct cm d: 0 Pct cm r: 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: 0 Pct na: 0 0 Pct na d: Pct na r: Not Reported Pct flag: Rock top: -3 D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F F A hit swl: A hit top: A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported A sc Imod2: Not Reported A sc Imaq2: Not Reported A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 100

Pct aq 2:	0
Pct cm 2:	0
Pct na 2:	100
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	100
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	Not Reported
Hit swl:	Not Reported
4.1.1.0	•

Pct maq 2:
Pct pcm 2:
Pct aq 3:
Pct cm 3:
Pct na 3:
Pct maq 4:
Pct pcm 4:
Pct aq 5:
Pct cm 5:
Pct na 5:
Pct maq 6:
Pct pcm 6:
Pct aq 7:
Pct cm 7:
Pct na 7:
Pct maq 8:
Pct pcm 8:
Pct aq 9:
Pct cm 9:
Pct na 9:
Pct maq 10:
Pct pcm 10:
Pct aq 11:
Pct cm 11:
Pct na 11:
Pct maq 12:
Pct pcm 12:
Pct aq 13:
Pct cm 13:
Pct na 13:
Loc match:

Import id:

Township:

Section:

Driller id:

Case type:

0
0
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100

O56 SW 1/2 - 1 Mile Higher

Athk2:

T2:

D50plek:

Horiz Conduct:

Vert Conduct:

Wellid: 38000001029
County: Jackson
Town range: 02S 01W
Owner name: GERRY, RUTH
Well addr: 1129 WAYNE ST

Well depth: 140
Well type: Household
Wssn: 0

Well num: Not Reported
Const date: 1981-08-06 00:00:00.000

0

0

0

0

0

Case dia: 4

MI WELLS MI20116057

106 Unknown

38720128018

Blackman

28

Case depth:	52		
Screen frm:	0		
Screen to:	0		
Swl:	45		
Test depth:	55		
Test hours:	1.5		
Test rate:	15	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.2627205713		
Longitude:	-84.4340159857		
Methd coll:	Interpolation-Map		
Elevation:	1008		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported	2 opag.	. tot i topontou
Swl flag:	Not Reported		
Elev dem:	1004	Elev dif:	4
Elev miv:	1008	Aq code:	Rock Well
Aq flag:	Not Reported	Pct ag:	14
Pct aq d:	0	Pct ag r:	20
Pct mag:	4	Pct maq d:	0
_		Pct cm:	-
Pct maq r:	5		16
Pct cm d:	0	Pct cm r:	23
Pct pcm:	28	Pct pcm d:	0
Pct pcm r:	40	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	42
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	100
Pct aq 2:	0	Pct mag 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	100	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct mag 7:	0	Pct cm 7:	0
•			
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10: 0 Pct maq 10: 0 Pct cm 10: 0 Pct pcm 10: 0 0 Pct na 10: 0 Pct aq 11: 0 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: 0 Pct aq 12: 0 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 0 Pct na 12: 0 Pct aq 13: 0 Pct maq 13: 0 Pct cm 13: 0 Pct pcm 13: 0 Pct na 13: 0 Υ Within sec: Υ Loc match:

Aq code 1: Not Reported Hit swl: Not Reported

 Athk2:
 0

 Horiz Conduct:
 0

 Vert Conduct:
 0

 T2:
 0

 D50plek:
 0

Higher

N57 NE MI WELLS MI20116035 1/2 - 1 Mile

 Wellid:
 38000001007
 Import id:
 38720127032

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 27

Owner name: PULVER, GORDON Well addr: 2537 CLARK ST

Well depth: 190 Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 1944

 Case dia:
 5

 Case depth:
 62

 Screen frm:
 0

 Screen to:
 0

 Swl:
 29

 Test depth:
 60

 Test hours:
 .5

Test rate: 35 Test methd: Unknown Grouted: 1 Pmp opcity: 0

Latitude: 42.2763633759
Longitude: -84.4175973284
Methd coll: Interpolation-Map

Elevation: 985

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 984 Elev dif: 1

Rock Well Elev miv: 985 Aq code: Aq flag: Not Reported 16 Pct aq: Pct aq d: 14 Pct aq r: 17 Pct maq: 18 Pct maq d: 0 26 Pct maq r: Pct cm: 51

5		.	
Pct cm d:	35	Pct cm r:	58
Pct pcm:	15	Pct pcm d:	51
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	57
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	40
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	60	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	15	Pct pcm 2:	85
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.00465		
Vert Conduct:	.00018		
T2:	.172		
D50plek:	.02058		
•			

Map ID
Direction
Distance
□1 4!

Database EDR ID Number Elevation P58 SW **MI WELLS** MI20116058 1/2 - 1 Mile Higher Wellid: 38000001030 Import id: 38720128019 Township: Blackman County: Jackson Town range: 02S 01W 28 Section: HERR, AUGUST Owner name: Well addr: 1115 WAYNE ST Well depth: 195 Well type: Household 0 Wssn: Well num: Driller id: 522 Not Reported 1978-12-05 00:00:00.000 Const date: Case type: Unknown Case dia: 4 Case depth: 93 Screen frm: 0 Screen to: 0 Swl: 48 Test depth: 80 Test hours: 0 Test rate: 15 Test methd: Unknown Grouted: Pmp cpcity: 42.2625422302 Latitude: Longitude: -84.4339916874 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: 1004 Elev dif: Elev dem: Elev miv: 1006 Aq code: Rock Well Aq flag: Not Reported Pct aq: 39 40 Pct aq d: 35 Pct aq r: 28 0 Pct maq: Pct maq d: Pct mag r: 37 Pct cm: 15 Pct cm d: 15 Pct cm r: 15 Pct pcm: 2 Pct pcm d: 8 0 0 Pct pcm r: Pct na: 0 0 Pct na d: Pct na r: Not Reported 48 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: F F A hit swl: A hit top: A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: 70 A sc lpct2: 0 Pct aq 1: Pct mag 1: 0 Pct cm 1: 10 Pct pcm 1: 20 Pct na 1:

Pct aq 2: Pct cm 2: Pct na 2: Pct maq 3: Pct pcm 3: Pct aq 4: Pct cm 4: Pct na 4: Pct maq 5: Pct pcm 5: Pct aq 6: Pct cm 6: Pct cm 6: Pct na 6: Pct maq 7: Pct pcm 7: Pct aq 8: Pct cm 8: Pct maq 9: Pct maq 9: Pct pcm 9: Pct aq 10: Pct cm 10: Pct na 10:	15 25 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	-
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13: Pct pcm 13:	0
Within sec:	Y
Aq code 1:	R
Hit swl:	F
Athk2:	0
Horiz Conduct:	37.50006
Vert Conduct:	.00016
T2:	300.0005
D50plek:	4.46211

Pct maq 2:	0
Pct pcm 2:	0
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Y

Q59
WSW
MI WELLS MI20116044
1/2 - 1 Mile

Wellid: 3800001016
County: Jackson
Town range: 02S 01W

Owner name: JOHNSON, RICHARD Well addr: 1183 HERBERT J

Well depth: 110 Well type: Household

Wssn: 0

Lower

Well num: Not Reported Driller id:
Const date: 1971-04-27 00:00:00.000 Case type:

Case dia: 4

Import id: 38720128005 Township: Blackman Section: 28

167

Unknown

TC2990959.2s Page A-106

Case depth: 49 Screen frm: 0 Screen to: 0 Swl: 6 Test depth: 10 Test hours: 3.5 Test rate: 30 Test methd: Unknown Grouted: 0 Pmp cpcity: 42.2681845379 Latitude: -84.4392821458 Longitude: Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Swl flag: Not Reported 968 Elev dem: Elev dif: 0 Elev miv: 968 Aq code: Not Reported Lithology Problem (Drift under Rock)t aq: Aq flag: 0 Pct aq d: 0 Pct aq r: Pct mag: 0 Pct mag d: 0 Pct mag r: 0 Pct cm: 0 Pct cm d: 0 Pct cm r: 0 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: Pct na: 0 Pct na d: 0 Pct na r: Pct flag: Not Reported Rock top: -9 0 D r type: Not Reported Spc cpcity: A thicknes: 0 0 A pct aq: A pct maq: 0 A pct pcm: 0 0 0 A pct cm: A pct na: A thickns2: 0 A pct ag2: 0 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: A hit swl: F A hit top: F A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported Not Reported A sc lpct1: A sc lith2: A sc Imod2: Not Reported A sc Imaq2: Not Reported A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 0 0 0 Pct aq 2: Pct maq 2: 0 0 Pct cm 2: Pct pcm 2: 0 0 Pct na 2: Pct aq 3: Pct maq 3: 0 Pct cm 3: 0 Pct pcm 3: 0 Pct na 3: 0 Pct aq 4: 0 Pct maq 4: 0 Pct cm 4: 0 Pct pcm 4: 0 0 Pct na 4: 0 Pct aq 5: Pct maq 5: 0 Pct cm 5: 0 0 0 Pct pcm 5: Pct na 5: 0 0 Pct aq 6: Pct maq 6: 0 Pct cm 6: 0 Pct pcm 6: Pct na 6: 0 0 Pct aq 7: Pct maq 7: 0 Pct cm 7: 0 Pct pcm 7: 0 Pct na 7: 0 Pct aq 8: 0 Pct maq 8: 0 Pct cm 8: 0 Pct pcm 8: 0 Pct na 8: 0 Pct aq 9: 0 0 Pct maq 9: 0 Pct cm 9: 0 0 Pct na 9: Pct pcm 9:

Pct aq 10: 0 Pct maq 10: 0 Pct cm 10: 0 Pct pcm 10: 0 0 Pct na 10: 0 Pct aq 11: 0 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: 0 Pct aq 12: 0 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 0 Pct na 12: 0 Pct aq 13: 0 0 Pct maq 13: 0 Pct cm 13: Pct pcm 13: 0 Pct na 13: 0 Υ Within sec: Υ Loc match:

Aq code 1: Not Reported Hit swl: Not Reported

 Athk2:
 0

 Horiz Conduct:
 0

 Vert Conduct:
 0

 T2:
 0

 D50plek:
 0

Higher

O60 SW MI WELLS MI20116067 1/2 - 1 Mile

 Wellid:
 3800001039
 Import id:
 38720128028

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 28

Owner name: COLLINS, NATHAN

Well addr: 1114 WAYNE ST Well depth: 130

Well type: Household Wssn: 0

Well num: Not Reported Driller id: 415
Const date: 1970-04-20 00:00:00.000 Case type: Unknown

 Case dia:
 4

 Case depth:
 36

 Screen frm:
 0

 Screen to:
 0

 Swl:
 0

 Test depth:
 0

 Test hours:
 0

Test rate: 0 Test methd: Unknown Grouted: 1 Pmp opcity: 0

 Latitude:
 42.2627021359

 Longitude:
 -84.4346882697

 Methd coll:
 Interpolation-Map

Elevation: 1005

Elev methd: Topographoc Map Interpolation Depth flag:

Elev flag: Not Reported Swl flag: SWL = 0

Elev dem: 1004 Elev dif:

Rock Well Elev miv: 1005 Aq code: Aq flag: Not Reported 59 Pct aq: Pct aq d: 28 Pct aq r: 67 Pct maq: 0 Pct maq d: 0 0 41 Pct maq r: Pct cm:

Not Reported

Pct cm d:	72	Pct cm r:	33
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	25
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imag2:	Not Reported
A sc Inct2:	0	Pct aq 1:	10
_ '	0	Pct cm 1:	90
Pct maq 1:	0	Pct na 1:	0
Pct pcm 1:			
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct mag 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct mag 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Ϋ́
Ag code 1:	R	Loc materi.	'
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	300		
Vert Conduct:	300		
T2:	1500		
D50plek:	12.77308		

Map ID Direction Distance

Elevation Database EDR ID Number Q61 WSW **MI WELLS** MI20116045 1/2 - 1 Mile Lower Wellid: 38000001017 Import id: 38720128006 Jackson Township: Blackman County: Town range: 02S 01W Section: 28 MARKHAM, CHARLES Owner name: Well addr: 1179 HERBERT J Well depth: 75 Well type: Household 0 Wssn: Well num: Driller id: 106 Not Reported 1987-06-15 00:00:00.000 Const date: Case type: Steel-black Case dia: 4 Case depth: 48 Screen frm: 0 Screen to: 0 Swl: 11 Test depth: 12 Test hours: 1 Test rate: 17 Test methd: Unknown Grouted: Pmp cpcity: 42.2676409329 Latitude: Longitude: -84.4392637507 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 968 Elev dif: Elev miv: 969 Aq code: Rock Well Aq flag: Not Reported Pct aq: 32 0 Pct aq d: 53 Pct aq r: Pct maq d: 0 Pct maq: 8 Pct mag r: 20 Pct cm: 0 Pct cm r: Pct cm d: 0 0 Pct pcm: 28 Pct pcm d: 47 0 Pct pcm r: 0 Pct na: 0 Pct na d: 0 Pct na r: Not Reported 45 Pct flag: Rock top: D r type: AQ / MAQ Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 0 A thickns2: A pct aq2: A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F F A hit swl: A hit top: A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 100 Pct na 1: 0

Pct aq 2: 95 Pct cm 2: 0 Pct na 2: 0 0 Pct maq 3: Pct pcm 3: 0 Pct aq 4: 0 Pct cm 4: 0 Pct na 4: 0 Pct maq 5: 0 Pct pcm 5: 0 0 Pct aq 6: Pct cm 6: 0 Pct na 6: 0 Pct maq 7: 0 Pct pcm 7: 0 Pct aq 8: 0 Pct cm 8: 0 Pct na 8: 0 Pct maq 9: 0 Pct pcm 9: 0 Pct aq 10: 0 Pct cm 10: 0 Pct na 10: 0 Pct maq 11: 0 Pct pcm 11: 0 Pct aq 12: 0 Pct cm 12: 0 Pct na 12: 0 Pct maq 13: 0 0 Pct pcm 13: Within sec: Υ Aq code 1: R F Hit swl: Athk2: 0 Horiz Conduct: 288.00004 Vert Conduct: .025 7200.001 T2: D50plek: 283.36177 Pct maq 2: 0 Pct pcm 2: 5 0 Pct aq 3: Pct cm 3: 0 Pct na 3: 0 0 Pct maq 4: Pct pcm 4: 0 Pct aq 5: 0 Pct cm 5: 0 0 Pct na 5: Pct maq 6: 0 Pct pcm 6: 0 Pct aq 7: 0 0 Pct cm 7: 0 Pct na 7: Pct maq 8: 0 Pct pcm 8: 0 Pct aq 9: 0 Pct cm 9: 0 Pct na 9: 0 Pct maq 10: 0 Pct pcm 10: 0 0 Pct aq 11: Pct cm 11: 0 0 Pct na 11: Pct mag 12: 0 0 Pct pcm 12: Pct aq 13: 0 Pct cm 13: 0 Pct na 13: 0 Loc match: Υ

R62 NNE MI WELLS MI20119168 1/2 - 1 Mile

Import id:

Township:

Section:

Wellid: 38000005152
County: Jackson
Town range: 02S 01W
Owner name: DIANE MILLER
Well addr: 2722 CLARK ST

Well depth: 80

Well type: Household

Wssn: 0

Lower

Well num: Not Reported Driller id:
Const date: 2001-09-28 00:00:00.000 Case type:

Case dia: 5

Not Reported

Blackman

21

1077

PVC Plastic

Case depth: 63 Screen frm: 0 Screen to: 0 Swl: 25 80 Test depth: Test hours: 1 Test rate: 20 Test methd: Air Grouted: Pmp cpcity: 10 42.27895192 Latitude: -84.42139739 Longitude: Methd coll: Interpolation-Map Elevation: Elev methd: DEM30M Depth flag: Not Reported Elev flag: Elevation < DEMmin or Elevation > DEMmax Swl flag: Not Reported 968 968 Elev dem: Elev dif: Rock Well Elev miv: 968 Aq code: Not Reported Aq flag: Pct aq: 56 80 Pct aq d: 45 Pct aq r: Pct mag: 0 Pct mag d: 0 Pct mag r: 0 Pct cm: 44 Pct cm d: 55 Pct cm r: 20 Pct pcm: 0 Pct pcm d: 0 0 0 Pct pcm r: Pct na: Pct na d: 0 Pct na r: 0 Pct flag: Not Reported Rock top: 55 D r type: Not Reported Spc cpcity: 0 A thicknes: 0 0 A pct aq: A pct maq: 0 A pct pcm: 0 0 0 A pct cm: A pct na: A thickns2: 0 A pct ag2: 0 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: A hit swl: F A hit top: F A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: A sc Imaq2: 100 A sc lpct2: 0 Pct aq 1: Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 0 0 25 Pct aq 2: Pct maq 2: Pct cm 2: 75 0 Pct pcm 2: 0 0 Pct na 2: Pct aq 3: Pct maq 3: 0 Pct cm 3: 0 Pct pcm 3: 0 Pct na 3: 0 Pct aq 4: 0 Pct maq 4: 0 Pct cm 4: 0 Pct pcm 4: 0 0 Pct na 4: 0 Pct aq 5: Pct maq 5: 0 Pct cm 5: 0 0 0 Pct pcm 5: Pct na 5: 0 0 Pct aq 6: Pct maq 6: 0 Pct cm 6: 0 Pct pcm 6: Pct na 6: 0 Pct aq 7: 0 Pct maq 7: 0 Pct cm 7: 0 Pct pcm 7: 0 Pct na 7: 0 Pct aq 8: 0 Pct maq 8: 0 Pct cm 8: 0 Pct pcm 8: 0 Pct na 8: 0 Pct aq 9: 0 0 Pct maq 9: 0 Pct cm 9: 0 0 Pct na 9: Pct pcm 9:

Pct aq 10: 0 Pct maq 10: 0 Pct cm 10: 0 Pct pcm 10: 0 0 Pct na 10: 0 Pct aq 11: 0 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: 0 Pct aq 12: 0 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 0 Pct na 12: 0 Pct aq 13: 0 0 Pct maq 13: 0 Pct cm 13: 0 Pct pcm 13: Pct na 13: 0 Υ Υ Within sec: Loc match: Aq code 1: R F Hit swl: 0 Athk2:

Horiz Conduct: 42.85723 Vert Conduct: .00012 T2: 1500.003 D50plek: 89.41176

MI WELLS MI20118287 1/2 - 1 Mile

Higher

Wellid: 38000003841 Import id: Not Reported County: Jackson Township: Blackman Town range: 02S 01W 28 Section:

Owner name: Roger Cummings 1108 Wayne St. Well addr:

Well depth: 218 Well type: Household

0 Wssn:

Well num: Driller id: 2033 Not Reported

Const date: 2001-06-28 10:43:09.000 Case type: **PVC Plastic**

Case dia: Case depth: 89 Screen frm: 0 Screen to: 0 Swl: 44 Test depth: 218 Test hours: 3

60 Test rate: Air Test methd: Grouted: Pmp cpcity: 1

Latitude: 42.2621838 Longitude: -84.43451069

Address Matching-House Number Methd coll:

Elevation:

Pct maq r:

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Not Reported Swl flag:

Elev dem: 1004 Elev dif: 7

Rock Well Elev miv: 997 Aq code: Aq flag: Not Reported Pct aq: 31 Pct aq d: 17 Pct aq r: 35 Pct maq: 8 Pct maq d: 0 10 41

Pct cm:

Pct cm d:	26	Pct cm r:	44
Pct pcm:	20	Pct pcm d:	57
Pct pcm r:	11	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	42
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	20
Pct pcm 1:	80	Pct na 1:	0
Pct aq 2:	35	Pct maq 2:	0
Pct cm 2:	35	Pct pcm 2:	30
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct mag 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	31.82185		
Vert Conduct:	.00031		
T2:	700.0807		
D50plek:	27.31655		
	,		

Map ID	
Direction	١
Distance	,

Database EDR ID Number Elevation S64 SW **MI WELLS** MI20116073 1/2 - 1 Mile Higher Wellid: 38000001045 Import id: 38720128034 Township: Blackman County: Jackson Town range: 02S 01W 28 Section: KILGORE, VIRGINIA Owner name: Well addr: 1138 WINIFRED ST Well depth: 150 Well type: Household 0 Wssn: Well num: Driller id: 106 Not Reported Const date: 1996-06-14 00:00:00.000 Case type: Steel-black Case dia: 4 Case depth: 74 Screen frm: 0 Screen to: 0 Swl: 52 Test depth: 58 Test hours: 3 Test rate: 15 Test methd: Unknown Grouted: Pmp cpcity: 42.2630071847 Latitude: Longitude: -84.4360668292 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 1000 Elev dif: Elev miv: 1000 Aq code: Unknown Lithology Aq flag: Not Reported Pct aq: 0 0 Pct aq d: 0 Pct aq r: 0 Pct maq: 0 Pct maq d: Pct mag r: 0 Pct cm: 0 Pct cm d: 0 Pct cm r: 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: 0 Pct na: 0 0 Pct na d: Pct na r: Not Reported Pct flag: Rock top: -3 D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 0 A thickns2: A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: F F A hit swl: A hit top: A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 100

	_
Pct aq 2:	0
Pct cm 2:	0
Pct na 2:	100
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	100
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	100
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	Not Reported
Hit swl:	Not Reported

Pct maq 2: Pct pcm 2: Pct aq 3: Pct cm 3: Pct na 3: Pct maq 4: Pct pcm 4: Pct aq 5: Pct cm 5: Pct na 5: Pct maq 6: Pct pcm 6: Pct aq 7: Pct cm 7: Pct na 7: Pct maq 8: Pct pcm 8: Pct aq 9: Pct cm 9: Pct na 9: Pct maq 10: Pct pcm 10: Pct aq 11: Pct cm 11: Pct na 11: Pct maq 12: Pct pcm 12: Pct aq 13: Pct cm 13: Pct na 13: Loc match:

Import id:

Township:

Section:

Driller id:

Case type:

0

0

0

0

0

0

100

S65 SW 1/2 - 1 Mile Higher

Athk2: Horiz Conduct:

T2:

D50plek:

Vert Conduct:

Wellid: 38000004262
County: Jackson
Town range: 02S 01W
Owner name: LELIA BEATTIE

Well addr: 1134 WINIFRED STREET

0

0

0

0

0

Well depth: 181 Well type: Household

Wssn: 0

Well num: Not Reported

Const date: 2000-11-07 00:00:00.000

Case dia: 5

MI WELLS MI20118538

Not Reported Blackman

28

167

PVC Plastic

TC2990959.2s Page A-116

Case depth:	80.5		
Screen frm:	0		
Screen to:	0		
Swl:	43		
Test depth:	50		
Test hours:	1		
Test rate:	20	Test methd:	Test Pump
Grouted:	1		12
		Pmp cpcity:	12
Latitude:	42.2626378		
Longitude:	-84.43585309		
Methd coll:	Address Matching-House Number	eı	
Elevation:	997	Donth floor	Not Donortod
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported	Flavorite	0
Elev dem:	1000	Elev dif:	3 Deels Well
Elev miv:	997	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	58
Pct aq d:	17	Pct aq r:	89
Pct maq:	5	Pct maq d:	0
Pct maq r:	9	Pct cm:	22
Pct cm d:	50	Pct cm r:	0
Pct pcm:	15	Pct pcm d:	33
Pct pcm r:	2	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	78
D r type:	Not Reported	Spc cpcity:	.400000005960464
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	55
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	45	Pct na 1:	0
Pct aq 2:	10	Pct maq 2:	0
Pct cm 2:	5	Pct pcm 2:	85
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
	0	Pct cm 7:	0
Pct maq 7:	0		0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:		Pct maq 8:	
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10: 0 Pct maq 10: 0 Pct cm 10: 0 Pct pcm 10: 0 0 Pct na 10: 0 Pct aq 11: 0 0 Pct maq 11: Pct cm 11: Pct pcm 11: Pct na 11: 0 0 Pct aq 12: 0 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 0 Pct na 12: 0 Pct aq 13: 0 Pct maq 13: 0 Pct cm 13: 0 0 Pct pcm 13: Pct na 13: 0 Υ Within sec: Loc match: Υ Aq code 1: R Hit swl: F Athk2: 0 Horiz Conduct: 3.45127 .00015 Vert Conduct:

T66
ENE MI WELLS MI20116008

1/2 - 1 Mile Higher

T2:

D50plek:

 Wellid:
 3800000979
 Import id:
 38720127004

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 27

Owner name: HASKELL, GARY Well addr: 528 MURPHY RD.

200.1739

22.09477

Well depth: 227
Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 167

 Case dia:
 5

 Case depth:
 58

 Screen frm:
 0

 Screen to:
 0

 Swl:
 60

 Test depth:
 72

 Test hours:
 1

Test rate: 20 Test methd: Unknown Grouted: 1 Pmp opcity: 0

Latitude: 42.2755847428
Longitude: -84.4153678765
Methd coll: Interpolation-Map

Elevation: 959

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: ELEV_DIF > 20 feet -- Abs(Elevation feet DEM_Elevation) > 20 feet

Swl flag: Not Reported

Elev dem: 991 Elev dif: 32 Rock Well Elev miv: 959 Aq code: Aq flag: Not Reported Pct aq: 41 Pct aq d: Pct aq r: 53 Pct maq: 25 Pct maq d: 31 23 Pct maq r: Pct cm: 8

D	00	D .	
Pct cm d:	23	Pct cm r:	4
Pct pcm:	4	Pct pcm d:	0
Pct pcm r:	5	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	52
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Т
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	10	Pct cm 1:	60
Pct pcm 1:	0	Pct na 1:	30
Pct aq 2:	0	Pct maq 2:	70
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	30	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct mag 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct mag 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Ϋ́
Ag code 1:	R		•
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	10		
Vert Conduct:	10		
T2:	140		
D50plek:	3.80943		
Doupler.	0.00340		

Мар	ID
Dire	ction
Dista	ance

Distance Elevation			Database	EDR ID Number
R67 NNE 1/2 - 1 Mile Lower			MI WELLS	MI20115944
Wellid:	38000000911	Import id:	38720122027	
County:	Jackson	Township:	Blackman	
Town range:	02S 01W	Section:	22	
Owner name:	TERRY, GALEN	000110111		
Well addr:	2650 CLARK DR			
Well depth:	75			
Well type:	Household			
Wssn:	0			
Well num:	Not Reported	Driller id:	167	
Const date:	1974-03-26 00:00:00.000	Case type:	Unknown	
Case dia:	4	0400 1, po.	C	
Case depth:	61			
Screen frm:	0			
Screen to:	0			
Swl:	18			
Test depth:	22			
Test hours:	4			
Test rate:	30	Test methd:	Unknown	
Grouted:	0	Pmp cpcity:	0	
Latitude:	42.2795084295	i inp opolity.	9	
Longitude:	-84.4214979694			
Methd coll:	Interpolation-Map			
Elevation:	968			
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported	
Elev flag:	Not Reported	Deptir nag.	Not Reported	
Swl flag:	Not Reported			
Elev dem:	964	Elev dif:	4	
Elev miv:	968	Aq code:	Not Reported	
Aq flag:	Lithology Problem (Drift under R	•	0	
	0	Pct aq r:	0	
Pct aq d: Pct mag:	0	Pct mag d:	0	
•	0	Pct cm:	0	
Pct maq r: Pct cm d:	0	Pct cm r:		
	0		0 0	
Pct pcm:	0	Pct pcm d: Pct na:	0	
Pct pcm r: Pct na d:				
	0 Not Deported	Pct na r:	0 -9	
Pct flag:	Not Reported	Rock top:	- 9 0	
D r type:	Not Reported	Spc cpcity:		
A thicknes:	0	A pct aq:	0	
A pct maq:	0	A pct pcm:	0	
A pct cm:	0	A pct na:	0	
A thickns2:	0	A pct aq2:	0	
A pct maq2:	0	A pct pcm2:	0	
A pct cm2:	0	A pct na2:	0	
A hit swl:	F	A hit top:	T	
A hit rock:	F Not Beneated	A sc lith1:	Not Reported	
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported	
A sc lpct1:	0	A sc lith2:	Not Reported	
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported	
A sc lpct2:	0	Pct aq 1:	100	
Pct maq 1:	0	Pct cm 1:	0	
Pct pcm 1:	0	Pct na 1:	0	

Pct aq 2:	0
Pct cm 2:	0
Pct na 2:	0
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	0
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	Not Reported
Hit swl:	Not Reported

0

0

0

0

0

Pct maq 2:	0
Pct pcm 2:	0
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

T68 ENE 1/2 - 1 Mile Higher

Athk2: Horiz Conduct:

D50plek:

T2:

Vert Conduct:

| Wellid: 3800001009 | Import id: 38720127034 | County: Jackson | Township: Blackman

Section:

Town range: 02S 01W
Owner name: RANDALL, PAUL
Well addr: 613 MURPHY

Well depth: 200
Well type: Household
Wssn: 0

Well num: Not Reported
Const date: 1994-04-23 00:00:00.000

Case dia: 5

Driller id: 1559
Case type: PVC Plastic

MI WELLS

27

MI20116037

Case depth:	68		
Screen frm:	0		
Screen to:	0		
Swl:	44		
Test depth:	64		
Test hours:	1		
Test rate:	15	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.2751004414		
Longitude:	-84.4148047134		
Methd coll:	Interpolation-Map		
Elevation:	985		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	987	Elev dif:	2
Elev miv:	985	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	31
Pct aq d:	52	Pct aq r:	22
Pct maq:	0	Pct maq d:	0
Pct mag r:	0	Pct cm:	8
Pct cm d:	24	Pct cm r:	0
Pct pcm:	62	Pct pcm d:	24
Pct pcm r:	78	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	62
D r type:	AQ / AQ	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
	0		0
A pct maq:	0	A pct pcm:	0
A pct cm:		A pct na:	-
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0 F	A pct na2:	0 T
A hit swl:		A hit top:	=
A hit rock:	F Not Boundard	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	25
Pct pcm 1:	75	Pct na 1:	0
Pct aq 2:	50	Pct maq 2:	0
Pct cm 2:	50	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	100
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct mag 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
po o.	-		-

Pct aq 10: 0 Pct maq 10: 0 Pct cm 10: 0 Pct pcm 10: 0 0 Pct na 10: 0 Pct aq 11: 0 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: 0 Pct aq 12: 0 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 0 Pct na 12: 0 Pct aq 13: 0 0 Pct maq 13: 0 Pct cm 13: 0 Pct pcm 13: Pct na 13: 0 Υ Υ Within sec: Loc match: Aq code 1: R F Hit swl: Athk2: 0 Horiz Conduct: 76.1905 Vert Conduct: .00042

MI WELLS MI20116064 1/2 - 1 Mile Higher

Wellid: 38000001036 Import id: 38720128025 County: Jackson Township: Blackman Town range: 02S 01W Section: 28

Owner name: GEE, WILLIAM AND ERMA

3200.001

220.18871

1157 LONGFELLOW Well addr:

Well depth: 120 Well type: Household

0 Wssn:

T2:

D50plek:

Well num: Not Reported Driller id: 107

Const date: 1986-06-21 00:00:00.000 Case type: **PVC Plastic**

Case dia: 5 Case depth: 48 Screen frm: 0 Screen to: 0 Swl: 40 Test depth: 0 0 Test hours:

0 Test rate: Test methd: Unknown Grouted: 1 Pmp cpcity:

Latitude: 42.2633596901 Longitude: -84.4372345497 Methd coll: Interpolation-Map

Elevation: 1002

Pct maq r:

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Not Reported Swl flag:

Elev dem: 997 Elev dif: 5

Rock Well Elev miv: 1002 Aq code: Aq flag: Not Reported Pct aq: 30 Pct aq d: 37 Pct aq r: 28 21 Pct maq: Pct maq d: 0 28 38

Pct cm:

-		.	
Pct cm d:	20	Pct cm r:	44
Pct pcm:	11	Pct pcm d:	43
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	30
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	25
Pct maq 1:	0	Pct cm 1:	10
Pct pcm 1:	65	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	180.00004		
Vert Conduct:	.00025		
T2:	1800.0004		
D50plek:	30.36653		
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Map ID Direction Distance

Elevation Database EDR ID Number U70 **MI WELLS** MI20118439 1/2 - 1 Mile Higher Wellid: 38000004081 Import id: Not Reported Township: Blackman County: Jackson Town range: 02S 01W Section: 28 Owner name: Stalsa Konieczka Well addr: 1201 Longfellow Well depth: 132 Well type: Household 0 Wssn: Well num: Driller id: 1593 Not Reported 2000-08-03 00:00:00.000 Const date: Case type: **PVC Plastic** Case dia: 5 Case depth: 74 Screen frm: 0 Screen to: 0 Swl: 45 Test depth: 70 Test hours: 1 Test rate: 15 Test methd: Air Grouted: Pmp cpcity: 42.26380229 Latitude: Longitude: -84.43774915 Address Matching-House Number Methd coll: Elevation: Elev methd: DEM30M Depth flag: Not Reported Elev flag: Elevation < DEMmin or Elevation > DEMmax Not Reported Swl flag: Elev dem: 991 Elev dif: 991 Elev miv: 991 Aq code: Not Reported Aq flag: Lithology Problem (Drift under Rock)t aq: 0 Pct aq d: Pct aq r: Pct maq d: 0 Pct maq: 0 Pct mag r: 0 Pct cm: 0 Pct cm d: 0 Pct cm r: 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: 0 Pct na: 0 Pct na d: 0 Pct na r: Not Reported -9 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: F F A hit swl: A hit top: A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: 95 A sc lpct2: 0 Pct aq 1: Pct mag 1: 0 Pct cm 1: 5 Pct pcm 1: 0 Pct na 1: 0

Pct aq 2:	0
Pct cm 2:	20
Pct na 2:	0
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	0
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	Not Reported
Hit swl:	Not Reported
4.1.1.6	•

Pct maq 2:	
Pct pcm 2:	
Pct aq 3:	
Pct cm 3:	
Pct na 3:	
Pct maq 4:	
Pct pcm 4:	
Pct aq 5:	
Pct cm 5:	
Pct na 5:	
Pct maq 6:	
Pct pcm 6:	
Pct aq 7:	
Pct cm 7:	
Pct na 7:	
Pct maq 8:	
Pct pcm 8:	
Pct aq 9:	
Pct cm 9:	
Pct na 9:	
Pct maq 10:	
Pct pcm 10:	
Pct aq 11:	
Pct cm 11:	
Pct na 11:	
Pct maq 12:	
Pct pcm 12:	
Pct aq 13:	
Pct cm 13:	
Pct na 13:	
Loc match:	

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R71 NNE 1/2 - 1 Mile Lower

Athk2:

D50plek:

T2:

Horiz Conduct:

Vert Conduct:

 Wellid:
 3800000914
 Import id:
 38720122030

 County:
 Jackson
 Township:
 Blackman

Section:

Town range: 02S 01W
Owner name: GADBURY, RON
Well addr: 2513 CLARK ST

0

0

0

0

Well depth: 85

Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 2033
Const date: 1990-07-19 00:00:00.000 Case type: PVC Plastic

Case dia: 5

MI WELLS

22

MI20115947

	50		
Case depth:	50		
Screen frm:	0		
Screen to:	0		
Swl:	20		
Test depth: Test hours:	85		
	2	To at we attend	I lada acces
Test rate:	40	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.279350185		
Longitude:	-84.4205342712		
Methd coll:	Interpolation-Map		
Elevation:	960	5	
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		_
Elev dem:	958	Elev dif:	2
Elev miv:	960	Aq code:	Drift Well
Aq flag:	Not Reported	Pct aq:	11
Pct aq d:	11	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	9
Pct cm d:	9	Pct cm r:	0
Pct pcm:	31	Pct pcm d:	31
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	45	Pct maq 2:	0
Pct cm 2:	25	Pct pcm 2:	30
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	15
Pct pcm 3:	0	Pct na 3:	85
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	100	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct mag 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct mag 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
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Pct aq 10: 0 Pct maq 10: 0 Pct cm 10: 0 Pct pcm 10: 0 0 Pct na 10: 0 Pct aq 11: 0 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: 0 Pct aq 12: 0 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 0 Pct na 12: 0 Pct aq 13: 0 0 Pct maq 13: 0 Pct cm 13: Pct pcm 13: 0 Pct na 13: 0 Υ Within sec: Υ Loc match:

Aq code 1: Not Reported Hit swl: Not Reported

 Athk2:
 0

 Horiz Conduct:
 0

 Vert Conduct:
 0

 T2:
 0

 D50plek:
 0

Higher

U72 SW MI WELLS MI20116062 1/2 - 1 Mile

 Wellid:
 38000001034
 Import id:
 38720128023

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 28

Owner name: HACKWORTH, JAMES Well addr: 1166 LONGFELLOW

Well depth: 105

Well type: Household Wssn: 0

Well num: Not Reported Driller id: 106
Const date: 1970-08-31 00:00:00.000 Case type: Unknown
Case dia: 4

 Case dia:
 4

 Case depth:
 28

 Screen frm:
 0

 Screen to:
 0

 Swl:
 16

 Test depth:
 16

 Test hours:
 2

 Test rote:
 15

Test rate: 15 Test methd: Unknown Grouted: 0 Pmp opcity: 0

Latitude: 42.2641079951
Longitude: -84.4381237842
Methd coll: Interpolation-Map

Elevation: 989

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 987 Elev dif: 2

Elev miv: 989 Aq code: Rock Well

 Aq flag:
 Not Reported
 Pct aq:
 7

 Pct aq d:
 5
 Pct aq r:
 7

 Pct maq:
 0
 Pct maq d:
 0

 Pct maq r:
 0
 Pct cm:
 32

D	0.5	D .	40
Pct cm d:	95	Pct cm r:	18
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	20
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	5
Pct maq 1:	0	Pct cm 1:	95
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
D50plek:	0		
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Dire	ction
Dista	ance

Database EDR ID Number Elevation V73 WSW **MI WELLS** MI20116047 1/2 - 1 Mile Higher Wellid: 38000001019 Import id: 38720128008 Township: Blackman County: Jackson Town range: 02S 01W 28 Section: WILLIAMS, BOB Owner name: Well addr: 1135 HERBERT J Well depth: 100 Well type: Household 0 Wssn: Well num: Driller id: 1077 Not Reported Const date: 1978-10-19 00:00:00.000 Case type: **PVC Plastic** 5 Case dia: Case depth: 30 Screen frm: 0 Screen to: 0 Swl: 15 Test depth: 100 Test hours: 1 Test rate: 35 Test methd: Unknown Grouted: Pmp cpcity: Latitude: 42.2651444143 Longitude: -84.4391634734 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 987 Elev dif: Elev miv: 994 Aq code: Rock Well Aq flag: Not Reported Pct aq: 15 18 Pct aq d: 0 Pct aq r: 0 Pct maq: 0 Pct maq d: Pct mag r: 0 Pct cm: 15 Pct cm d: 100 Pct cm r: 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: 0 Pct na: 0 0 Pct na d: Pct na r: Not Reported Pct flag: Rock top: 15 D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F F A hit swl: A hit top: A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 0

Pct aq 2:	0
Pct cm 2:	0
Pct na 2:	0
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	0
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	Not Reported
Hit swl:	Not Reported

0

0

0

0

0

Pct maq 2:	0
Pct pcm 2:	0
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

R74 NNE 1/2 - 1 Mile Lower

Athk2: Horiz Conduct:

D50plek:

T2:

Vert Conduct:

Wellid: 3800000913 Import id:
County: Jackson Township:
Town range: 02S 01W Section:
Owner name: FERGUSON, JAY
Well addr: 2529 CLARK RD

Well depth: 98

Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 1529
Const date: 1991-09-23 00:00:00.000 Case type: PVC Plastic

Case dia: 5

MI WELLS

38720122029

Blackman

22

MI20115946

Case depth: 60 Screen frm: 0 Screen to: 0 Swl: 18 60 Test depth: Test hours: 2 Test rate: 50 Test methd: Unknown Grouted: Pmp cpcity: 42.2795408631 Latitude: -84.42057703 Longitude: Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Swl flag: Not Reported 958 Elev dem: Elev dif: 2 Rock Well Elev miv: 960 Aq code: Not Reported Aq flag: Pct aq: 35 26 Pct aq d: 42 Pct aq r: Pct mag: 6 Pct mag d: 0 Pct mag r: 14 Pct cm: 9 Pct cm d: 16 Pct cm r: 0 Pct pcm: 23 Pct pcm d: 42 0 0 Pct pcm r: Pct na: Pct na d: 0 Pct na r: 0 Pct flag: Not Reported Rock top: 55 D r type: Not Reported Spc cpcity: 0 A thicknes: 0 0 A pct aq: A pct maq: 0 A pct pcm: 0 0 0 A pct cm: A pct na: A thickns2: 0 A pct ag2: 0 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: A hit swl: F A hit top: Т A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported Not Reported A sc lpct1: A sc lith2: Not Reported A sc Imod2: A sc Imaq2: Not Reported A sc lpct2: 0 Pct aq 1: 20 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 80 Pct na 1: 0 0 Pct aq 2: 75 Pct maq 2: 25 0 Pct cm 2: Pct pcm 2: 0 Pct na 2: 0 Pct aq 3: Pct maq 3: 0 Pct cm 3: 0 Pct pcm 3: 0 Pct na 3: 0 Pct aq 4: 0 Pct maq 4: 0 Pct cm 4: 0 Pct pcm 4: 0 0 Pct na 4: 0 Pct aq 5: Pct maq 5: 0 Pct cm 5: 0 0 0 Pct pcm 5: Pct na 5: 0 0 Pct aq 6: Pct maq 6: 0 Pct cm 6: 0 Pct pcm 6: Pct na 6: 0 Pct aq 7: 0 Pct maq 7: 0 Pct cm 7: 0 Pct pcm 7: 0 Pct na 7: 0 Pct aq 8: 0 Pct maq 8: 0 Pct cm 8: 0 Pct pcm 8: 0 Pct na 8: 0 Pct aq 9: 0 0 Pct maq 9: 0 Pct cm 9: 0 0 Pct na 9: Pct pcm 9:

Pct aq 10: 0 Pct maq 10: Pct cm 10: 0 Pct pcm 10: Pct na 10: 0 Pct aq 11: 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: Pct aq 12: 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 Pct na 12: 0 Pct aq 13: Pct maq 13: 0 Pct cm 13: 0 Pct pcm 13: Pct na 13: Υ Within sec: Loc match: Aq code 1: R Hit swl: F Athk2: 0 Horiz Conduct: 77.34288

WSW 1/2 - 1 Mile Higher

Vert Conduct:

T2:

D50plek:

MI WELLS MI20116046

0

0

0

0

0

0

0

0

0

Υ

 Wellid:
 38000001018
 Import id:
 38720128007

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 28

Owner name: MCALLISTER, KEN Well addr: 1144 HERBERT J

.00039

2707.0009

156.53615

Well depth: 50
Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 2033

 Case dia:
 5

 Case depth:
 40

 Screen frm:
 0

 Screen to:
 0

 Swl:
 23

 Test depth:
 50

 Test hours:
 2

Test rate: 40 Test methd: Unknown Grouted: 1 Pmp opcity: 0

Latitude: 42.265996816
Longitude: -84.439903872
Methd coll: Interpolation-Map

Elevation: 982

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 977 Elev dif: 5

Rock Well Elev miv: 982 Aq code: Aq flag: Not Reported Pct aq: 46 Pct aq d: 33 Pct aq r: 71 Pct maq: 0 Pct maq d: 0 0 40 Pct maq r: Pct cm:

Pct cm d:	45	Pct cm r:	29
Pct pcm:	14	Pct pcm d:	21
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	33
D r type:	AQ / AQ	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	75
Pct pcm 1:	25	Pct na 1:	0
Pct aq 2:	0	Pct mag 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
	0	Pct cm 3:	0
Pct maq 3:	0	Pct na 3:	0
Pct pcm 3:	0		0
Pct aq 4:		Pct maq 4:	
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	84.61554		
Vert Conduct:	.0065		
T2:	1100.002		
D50plek:	24.75467		
•			

Map ID Direction Distance

Database EDR ID Number Elevation W76 MI WELLS MI20120875 1/2 - 1 Mile Lower Wellid: 38000008401 Import id: Not Reported County: Township: Blackman Jackson 02S 01W Town range: Section: 27 **EILEEN BRIDGE** Owner name: Well addr: 302 HILLSDALE Well depth: 175 Well type: Household 0 Wssn: Well num: Not Reported Driller id: 1944 2005-02-23 00:00:00.000 Const date: Case type: **PVC Plastic** Case dia: 5 Case depth: 100 Screen frm: 0 Screen to: 0 Swl: 10 Test depth: 175 Test hours: .25 Test rate: 30 Test methd: Air Grouted: Pmp cpcity: 10 Latitude: 42.27006025 Longitude: -84.41261724 Methd coll: Address Matching-House Number Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 938 Elev dif: Elev miv: 938 Aq code: Rock Well Aq flag: Not Reported Pct aq: 44 78 Pct aq d: 14 Pct aq r: Pct maq d: 3 Pct maq: 0 Pct mag r: 6 Pct cm: 25 Pct cm r: Pct cm d: 32 16 Pct pcm: 29 Pct pcm d: 54 0 Pct pcm r: 0 Pct na: 0 Pct na d: 0 Pct na r: Not Reported 93 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: F F A hit swl: A hit top: A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 100 Pct na 1: 0

Pct aq 2:	60
Pct cm 2:	0
Pct na 2:	0
Pct maq 3:	0
Pct pcm 3:	95
Pct aq 4:	0
Pct cm 4:	85
Pct na 4:	0
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	R
Hit swl:	F
Athk2:	0
Horiz Conduct:	53.42881
Vert Conduct:	.00024
T2:	3900.303
D50plek:	461.87463

Pct maq 2:	0
Pct pcm 2:	40
Pct aq 3:	5
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	15
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

V77 WSW 1/2 - 1 Mile Higher

 Wellid:
 38000001020
 Import id:
 38720128009

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 28

Owner name: BOLAND, SCOTT Well addr: 1121 HERBERT J

Well depth: 152 Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 167

Case dia: 5

MI WELLS

MI20116048

Case depth:	81		
Screen frm:	0		
Screen to:	0		
Swl:	37		
Test depth:	65		
Test hours:	1		
Test rate:	20	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.2646160274		
Longitude:	-84.4391864804		
Methd coll:	Interpolation-Map		
Elevation:	991		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported	-	
Swl flag:	Not Reported		
Elev dem:	991	Elev dif:	0
Elev miv:	991	Aq code:	Rock Well
Aq flag:	Not Reported	Pct ag:	31
Pct aq d:	13	Pct ag r:	34
Pct maq:	11	Pct maq d:	13
Pct mag r:	11	Pct cm:	51
Pct cm d:	30	Pct cm r:	55
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	23
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct aq. A pct pcm:	0
A pct cm:	0	A pet peril. A pet na:	0
A thickns2:	0		0
		A pct aq2:	0
A pct maq2:	0	A pct pcm2:	-
A pct cm2:	0 F	A pct na2:	0 F
A hit swl:	F	A hit top:	· -
A hit rock:		A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0 Not Reported	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	15
Pct maq 1:	15	Pct cm 1:	35
Pct pcm 1:	0	Pct na 1:	35
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10: 0 Pct maq 10: 0 Pct cm 10: 0 Pct pcm 10: 0 0 Pct na 10: 0 Pct aq 11: 0 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: 0 Pct aq 12: 0 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 0 Pct na 12: 0 Pct aq 13: 0 0 Pct maq 13: 0 Pct cm 13: Pct pcm 13: 0 Pct na 13: 0 Υ Within sec: Υ Loc match:

Aq code 1: Not Reported Hit swl: Not Reported

 Athk2:
 0

 Horiz Conduct:
 0

 Vert Conduct:
 0

 T2:
 0

 D50plek:
 0

Lower

W78
East MI WELLS MI20116032
1/2 - 1 Mile

 Wellid:
 38000001004
 Import id:
 38720127029

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 27

Owner name: LEE, JOHN
Well addr: 310 HILLSDALE

Well depth: 126 Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 1150
Const date: 1966-11-09 00:00:00.000 Case type: Unknown

 Case dia:
 6

 Case depth:
 70

 Screen frm:
 0

 Screen to:
 0

 Swl:
 31

 Test depth:
 31

 Test hours:
 0

Test rate: 0 Test methd: Unknown Grouted: 1 Pmp opcity: 0

Latitude: 42.2703871134 Longitude: -84.4123980076 Methd coll: Interpolation-Map

Elevation: 939

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 938 Elev dif: 1

Rock Well Elev miv: 939 Aq code: Aq flag: Not Reported Pct aq: 60 Pct aq d: 0 Pct aq r: 84 Pct maq: 0 Pct maq d: 0 0 12 Pct maq r: Pct cm:

Pct cm d:	0	Pct cm r:	16
Pct pcm:	28	Pct pcm d:	100
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	35
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Т
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct mag 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.01		
Vert Conduct:	.01		
T2:	.15		
D50plek:	.00738		
F			

Map ID
Direction
Distance
Florestion

Database EDR ID Number Elevation X79 SSW 1/2 - 1 Mile **MI WELLS** MI20116201 Higher Wellid: 38000001182 Import id: 38720133021 Township: Blackman County: Jackson Town range: 02S 01W Section: 33 BAIRD, DELBERT Owner name: Well addr: 1046 WAYNE ST Well depth: 33 Well type: Household 0 Wssn: Well num: Driller id: 1529 Not Reported 1989-09-20 00:00:00.000 Const date: Case type: **PVC Plastic** 5 Case dia: Case depth: 28 Screen frm: 29 Screen to: 33 Swl: 15 Test depth: 27 2 Test hours: Test rate: 20 Test methd: Unknown Grouted: Pmp cpcity: 42.26113225 Latitude: Longitude: -84.4348325596 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 1007 Elev dif: 0 Elev miv: 1007 Aq code: Drift Well Aq flag: Not Reported Pct aq: 55 0 Pct aq d: 55 Pct aq r: 0 Pct maq: 0 Pct maq d: Pct mag r: 0 Pct cm: 45 Pct cm d: 45 Pct cm r: 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: 0 Pct na: 0 0 Pct na d: Pct na r: Not Reported Pct flag: Rock top: -1 D r type: Not Reported Spc cpcity: 0 A thicknes: 18 A pct aq: 100 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: A thickns2: 18 A pct aq2: 100 A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F Т A hit swl: A hit top: A hit rock: F A sc lith1: Gravel A sc Imod1: Not Reported A sc Imaq1: AQ A sc lpct1: 100 A sc lith2: Not Reported A sc Imod2: Not Reported A sc Imaq2: Not Reported A sc lpct2: 0 Pct aq 1: 25 Pct mag 1: 0 Pct cm 1: 75 Pct pcm 1: 0 Pct na 1:

Pct aq 2: Pct cm 2: Pct na 2: Pct maq 3: Pct pcm 3: Pct aq 4: Pct cm 4: Pct na 4: Pct maq 5: Pct pcm 5: Pct aq 6: Pct maq 7: Pct na 6: Pct maq 7: Pct pcm 7: Pct aq 8: Pct cm 8: Pct na 8: Pct maq 9: Pct pcm 9: Pct aq 10: Pct cm 10: Pct na 10: Pct maq 11: Pct pcm 11: Pct aq 12: Pct cm 12: Pct maq 13: Pct pcm 13: Within sec: Aq code 1: Hit swl:	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Pct maq 13: Pct pcm 13:	0
	-
•	_
Athk2:	1 18
Horiz Conduct:	300
Vert Conduct:	300
T2:	5400
D50plek:	155.1683

Pct maq 2:	0
Pct pcm 2:	0
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13: Pct cm 13:	0
Pct na 13:	0
Loc match:	Y
LUC MAICH.	ĭ

X80 SSW 1/2 - 1 Mile Higher

 Wellid:
 38000001181
 Import id:
 38720133020

 County:
 Jackson
 Township:
 Blackman

Town range: 02S 01W Section:
Owner name: CUSHMAN, DARWIN

Well addr: 1044 WAYNE ST

Well depth: 41

Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 167
Const date: 1973-11-23 00:00:00.000 Case type: Unknown

Case dia: 4

MI WELLS

33

MI20116200

Case depth: 37 Screen frm: 37 Screen to: 41 Swl: 23 27 Test depth: Test hours: 2 Test rate: 20 Test methd: Unknown Grouted: Pmp cpcity: 42.2610093492 Latitude: -84.4346430462 Longitude: Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Swl flag: Not Reported 1007 Elev dem: Elev dif: Drift Well Elev miv: 1008 Aq code: Not Reported Aq flag: Pct aq: 15 0 Pct aq d: 15 Pct aq r: Pct mag: 83 Pct mag d: 83 Pct mag r: 0 Pct cm: 0 Pct cm d: 0 Pct cm r: 0 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: Pct na: 0 Pct na d: 0 Pct na r: Pct flag: Not Reported Rock top: -1 0 D r type: Not Reported Spc cpcity: A thicknes: 18 A pct aq: 33 A pct maq: 61 A pct pcm: 0 0 6 A pct cm: A pct na: A thickns2: 18 A pct ag2: 33 A pct maq2: 61 A pct pcm2: 0 0 6 A pct cm2: A pct na2: A hit swl: Т A hit top: F A hit rock: F A sc lith1: Gravel A sc Imod1: Fine A sc Imaq1: AQ Lithology Unknown A sc lpct1: 75 A sc lith2: Not Reported A sc Imod2: A sc Imaq2: NA A sc lpct2: 25 Pct aq 1: 0 Pct mag 1: 100 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 0 70 Pct aq 2: 30 Pct maq 2: 0 Pct cm 2: 0 Pct pcm 2: 0 0 Pct na 2: Pct aq 3: Pct maq 3: 0 Pct cm 3: 0 Pct pcm 3: 0 Pct na 3: 0 Pct aq 4: 0 Pct maq 4: 0 Pct cm 4: 0 Pct pcm 4: 0 0 Pct na 4: 0 Pct aq 5: Pct maq 5: 0 Pct cm 5: 0 0 0 Pct pcm 5: Pct na 5: 0 0 Pct aq 6: Pct maq 6: 0 Pct cm 6: 0 Pct pcm 6: Pct na 6: 0 Pct aq 7: 0 Pct maq 7: 0 Pct cm 7: 0 Pct pcm 7: 0 Pct na 7: 0 Pct aq 8: 0 Pct maq 8: 0 Pct cm 8: 0 Pct pcm 8: 0 Pct na 8: 0 Pct aq 9: 0 0 Pct maq 9: 0 Pct cm 9: 0 0 Pct na 9: Pct pcm 9:

Pct aq 10: 0 Pct maq 10: 0 Pct cm 10: 0 Pct pcm 10: 0 0 Pct na 10: 0 Pct aq 11: 0 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: 0 Pct aq 12: 0 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 0 Pct na 12: 0 Pct aq 13: 0 Pct maq 13: 0 Pct cm 13: 0 Pct pcm 13: 0 Pct na 13: 0 Υ Within sec: Υ Loc match:

Aq code 1: Not Reported Hit swl: Not Reported

 Athk2:
 0

 Horiz Conduct:
 0

 Vert Conduct:
 0

 T2:
 0

 D50plek:
 0

Lower

81 East MI WELLS MI20116025 1/2 - 1 Mile

 Wellid:
 3800000997
 Import id:
 38720127022

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 27

Owner name: JACKSON CO ANIMAL SHELTER

Well addr: 2004 N BLACKSTONE ST

Well depth: 185

Well type: Type III public

Wssn: 0

Well num: Not Reported Driller id: 1150
Const date: 1974-10-30 00:00:00.000 Case type: Unknown

 Case dia:
 4

 Case depth:
 56

 Screen frm:
 0

 Screen to:
 0

 Swl:
 18

 Test depth:
 0

 Test hours:
 0

Test rate: 0 Test methd: Unknown Grouted: 1 Pmp opcity: 0

Latitude: 42.2716384511
Longitude: -84.4122801817
Methd coll: Interpolation-Map

Elevation: 950

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 941 Elev dif: 9

Rock Well Elev miv: 950 Aq code: Aq flag: Not Reported 33 Pct aq: Pct aq d: 13 Pct aq r: 37 Pct maq: 53 Pct maq d: 0 63 Pct maq r: Pct cm: 14

Pct cm d:	87	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	30
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
	0		0
A pct cm2:	F	A pct na2:	T
A hit swl:	F	A hit top:	
A hit rock:		A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	20
Pct maq 1:	0	Pct cm 1:	80
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct mag 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
_	0	Pct cm 7:	0
Pct maq 7:			0
Pct pcm 7:	0	Pct na 7:	
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.0001		
Vert Conduct:	.0001		
T2:	.001		
D50plek:	.00007		
Dooplok.	.00001		

Мар	ID
Direc	ction
Dista	nce
- L	- 4!

Database EDR ID Number Elevation X82 SSW 1/2 - 1 Mile **MI WELLS** MI20116199 Higher Wellid: 38000001180 Import id: 38720133019 Township: Blackman County: Jackson Town range: 02S 01W Section: 33 Owner name: MILLER, FRANK Well addr: 1040 WAYNE ST Well depth: 170 Well type: Household 0 Wssn: Well num: Driller id: 167 Not Reported 1968-06-01 00:00:00.000 Const date: Case type: Unknown Case dia: 4 Case depth: 113 Screen frm: 0 Screen to: 0 Swl: 55 Test depth: 10 2 Test hours: Test rate: 20 Test methd: Unknown Grouted: Pmp cpcity: 42.2608512779 Latitude: Longitude: -84.4346898877 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 1007 Elev dif: Elev miv: 1008 Aq code: Rock Well Aq flag: Not Reported Pct aq: 35 23 Pct aq d: 73 Pct aq r: 28 Pct maq: 6 Pct maq d: Pct mag r: 0 Pct cm: 37 Pct cm r: Pct cm d: 0 48 Pct pcm: 19 Pct pcm d: 0 0 Pct pcm r: 25 Pct na: 0 0 Pct na d: Pct na r: Not Reported 40 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 50 Pct mag 1: 50 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 0

83 NE 1/2 - 1 Mile Higher

 Wellid:
 3800000898
 Import id:
 38720122014

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 22

Town range: 02S 01W
Owner name: SHEPPARD MR.
Well addr: 521 NEWELL ST.

Well depth: 130 Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 106
Const date: 1980-08-05 00:00:00.000 Case type: Unknown

Case dia: 4

MI WELLS

MI20115931

O d db -	74		
Case depth:	71		
Screen frm:	0		
Screen to:	0		
Swl:	45		
Test depth:	46		
Test hours:	1.5	To at we ath di	I lala acces
Test rate:	15	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.2767459609		
Longitude:	-84.4149573861		
Methd coll:	Interpolation-Map		
Elevation:	986	5	
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		_
Elev dem:	984	Elev dif:	2
Elev miv:	986	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	24
Pct aq d:	100	Pct aq r:	12
Pct maq:	6	Pct maq d:	0
Pct maq r:	7	Pct cm:	58
Pct cm d:	0	Pct cm r:	68
Pct pcm:	12	Pct pcm d:	0
Pct pcm r:	13	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	18
D r type:	AQ / AQ	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct mag 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct mag 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
i ot point 3.		i otilia o.	J

Pct aq 10: 0 Pct maq 10: 0 Pct cm 10: 0 Pct pcm 10: 0 0 Pct na 10: 0 Pct aq 11: 0 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: 0 Pct aq 12: 0 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 0 Pct na 12: 0 Pct aq 13: 0 0 Pct maq 13: 0 Pct cm 13: Pct pcm 13: 0 Pct na 13: 0 Υ Within sec: Υ Loc match:

Aq code 1: Not Reported Hit swl: Not Reported

Athk2: 0 Horiz Conduct: 0 Vert Conduct: 0 T2: 0 D50plek: 0

Lower

NNE **MI WELLS** MI20115945 1/2 - 1 Mile

Wellid: 38000000912 Import id: 38720122028 County: Jackson Township: Blackman Town range: 02S 01W 22 Section:

Owner name: DEVINE, JACK 2557 CLARK RD Well addr:

Well depth: 140 Well type: Household

0 Wssn:

Well num: Driller id: 1077 Not Reported Const date: 1978-11-03 00:00:00.000 Case type: **PVC Plastic**

Case dia: 5 Case depth: 52 Screen frm: 0 Screen to: 0 Swl: 30 Test depth: 140 Test hours: 1

Test rate: 20 Test methd: Unknown Grouted: Pmp cpcity:

Latitude: 42.2801699346 Longitude: -84.4204701228 Methd coll: Interpolation-Map

Elevation: 959

Pct maq r:

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Not Reported Swl flag:

Elev dem: 958 Elev dif:

Rock Well Elev miv: 959 Aq code: Aq flag: Not Reported Pct aq: 37 Pct aq d: 100 Pct aq r: 7 0 Pct maq: 63 Pct maq d: 93 0

Pct cm:

Pct cm d:	0	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	45
D r type:	AQ / AQ	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct aqz. A pct pcm2:	0
	0		0
A pct cm2:	F	A pct na2:	T
A hit swl:	F	A hit top:	
A hit rock:	•	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
_ '	0	Pct na 5:	0
Pct pcm 5:		_	
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct mag 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
	R	Loc materi.	1
Aq code 1:	F		
Hit swl:			
Athk2:	0		
Horiz Conduct:	100		
Vert Conduct:	100		
T2:	2500		
D50plek:	103.67894		

Map ID
Direction
Distance
Elevation

Database EDR ID Number X85 SSW 1/2 - 1 Mile **MI WELLS** MI20116198 Higher Wellid: 38000001179 Import id: 38720133018 Township: Blackman County: Jackson Town range: 02S 01W Section: 33 ARCHER, RANDY Owner name: Well addr: 1024 WAYNE ST Well depth: 180 Well type: Household 0 Wssn: Well num: Driller id: 1077 Not Reported 1988-09-08 00:00:00.000 Const date: Case type: **PVC Plastic** 5 Case dia: Case depth: 56 Screen frm: 0 Screen to: 0 Swl: 60 Test depth: 180 Test hours: 1 Test rate: 20 Test methd: Unknown Grouted: Pmp cpcity: 42.2607107914 Latitude: Longitude: -84.4346190324 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 1007 Elev dif: Elev miv: 1009 Aq code: Rock Well Aq flag: Not Reported Pct aq: 17 0 Pct aq d: 67 Pct aq r: Pct maq: 17 Pct maq d: 0 Pct mag r: 22 Pct cm: 67 Pct cm d: 33 Pct cm r: 78 Pct pcm: 0 Pct pcm d: 0 0 0 Pct pcm r: Pct na: 0 0 Pct na d: Pct na r: Not Reported 45 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported A sc Imod2: Not Reported A sc Imaq2: Not Reported 100 A sc lpct2: 0 Pct aq 1: Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 0

Pct aq 2: 50 Pct cm 2: 50 Pct na 2: 0 0 Pct maq 3: 0 Pct pcm 3: Pct aq 4: 0 Pct cm 4: 0 Pct na 4: 0 Pct maq 5: 0 Pct pcm 5: 0 0 Pct aq 6: Pct cm 6: 0 Pct na 6: 0 Pct maq 7: 0 Pct pcm 7: 0 Pct aq 8: 0 Pct cm 8: 0 Pct na 8: 0 Pct maq 9: 0 Pct pcm 9: 0 Pct aq 10: 0 Pct cm 10: 0 Pct na 10: 0 Pct maq 11: 0 Pct pcm 11: 0 Pct aq 12: 0 Pct cm 12: 0 Pct na 12: 0 Pct maq 13: 0 0 Pct pcm 13: Within sec: Υ Aq code 1: R F Hit swl: 0 Athk2: Horiz Conduct: 40.00006 Vert Conduct: .00017 1000.0015 T2: D50plek: 43.49725

Pct maq 2: 0 Pct pcm 2: 0 0 Pct aq 3: Pct cm 3: 0 Pct na 3: 0 0 Pct maq 4: Pct pcm 4: 0 Pct aq 5: 0 Pct cm 5: 0 0 Pct na 5: Pct maq 6: 0 Pct pcm 6: 0 Pct aq 7: 0 0 Pct cm 7: 0 Pct na 7: Pct maq 8: 0 Pct pcm 8: 0 Pct aq 9: 0 Pct cm 9: 0 Pct na 9: 0 Pct maq 10: 0 Pct pcm 10: 0 0 Pct aq 11: Pct cm 11: 0 0 Pct na 11: Pct mag 12: 0 0 Pct pcm 12: Pct aq 13: 0 Pct cm 13: 0 Pct na 13: 0 Loc match: Υ

X86 SW MI WELLS MI20116205 1/2 - 1 Mile

Wellid: 38000001186
County: Jackson
Town range: 02S 01W
Owner name: LYSHER, LINDA

Well addr: 1039 WINIFRED Well depth: 158 Well type: Household

Wssn: 0

Higher

Well num: Not Reported
Const date: 1987-12-18 00:00:00.000

Case dia: 4

Import id: 38720133025
Township: Blackman
Section: 33

Driller id: 1529 Case type: Steel-black

Case depth:	51		
Screen frm:	0		
Screen to:	0		
Swl:	34		
Test depth:	41		
Test hours:	2		
Test rate:	20	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.2609736014	1 -1 - 3	-
Longitude:	-84.4353998005		
Methd coll:	Interpolation-Map		
Elevation:	1006		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported	Deptir hag.	Not reported
Swl flag:	Not Reported		
Elev dem:	•	Elev dif:	2
Elev dem. Elev miv:	1004		Rock Well
	1006	Aq code:	
Aq flag:	Not Reported	Pct aq:	27
Pct aq d:	29	Pct aq r:	27
Pct maq:	3	Pct maq d:	0
Pct maq r:	4	Pct cm:	65
Pct cm d:	53	Pct cm r:	70
Pct pcm:	6	Pct pcm d:	18
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	49
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	55
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	45	Pct na 1:	0
Pct aq 2:	15	Pct maq 2:	0
Pct cm 2:	85	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
	0		0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:		Pct pcm 6:	
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10: 0 Pct maq 10: 0 Pct cm 10: 0 Pct pcm 10: 0 0 Pct na 10: 0 Pct aq 11: 0 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: 0 Pct aq 12: 0 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 0 Pct na 12: 0 Pct aq 13: 0 0 Pct maq 13: 0 Pct cm 13: 0 Pct pcm 13: Pct na 13: 0 Υ Υ Within sec: Loc match: Aq code 1: R Hit swl: F Athk2: 0

Horiz Conduct: 10.34492 Vert Conduct: .00011 T2: 300.0026 D50plek: 16.17525

Higher

MI WELLS MI20116204 1/2 - 1 Mile

Wellid: 38000001185 Import id: 38720133024 County: Jackson Township: Blackman Town range: 02S 01W Section: 33

Owner name: CURL, GERRY 1050 WINIFRED ST Well addr:

Well depth: 185 Well type: Household

0 Wssn:

Well num: Driller id: 1150 Not Reported Const date: 1975-07-14 00:00:00.000 Case type: Unknown

Case dia: 4 Case depth: 84 Screen frm: 0 Screen to: 0 Swl: 55 Test depth: 0 0 Test hours:

0 Test rate: Test methd: Unknown Grouted: 1 Pmp cpcity:

Latitude: 42.2611135955 Longitude: -84.4360150696 Methd coll: Interpolation-Map

Elevation: 1004

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Not Reported Swl flag:

Elev dem: 1000 Elev dif:

Rock Well Elev miv: 1004 Aq code: Aq flag: Not Reported Pct aq: 19 Pct aq d: Pct aq r: 32 Pct maq: 38 Pct maq d: 0 64 27 Pct maq r: Pct cm:

D	07	D .	•
Pct cm d:	67	Pct cm r:	0
Pct pcm:	16	Pct pcm d:	33
Pct pcm r:	5	Pct na:	0
Pct na d:	0 Not Donortod	Pct na r:	0
Pct flag:	Not Reported	Rock top:	75
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T Not Domontos
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	50
Pct pcm 3:	50	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.0046		
Vert Conduct:	.00018		
T2:	.253		
D50plek:	.04335		
•			

Мар	ID
Direc	ction
Dista	ance
- L	_ 4:

Database EDR ID Number Elevation X88 SW **MI WELLS** MI20119624 1/2 - 1 Mile Higher Wellid: 38000005886 Import id: Not Reported Township: Blackman County: Jackson Town range: 02S 01W 28 Section: JACK BRIGHAM Owner name: Well addr: WINIFRED ST Well depth: 200 Well type: Household 0 Wssn: Well num: Driller id: 1944 Not Reported Const date: 2002-10-13 00:00:00.000 Case type: **PVC Plastic** Case dia: 5 Case depth: 102 Screen frm: 0 Screen to: 0 Swl: 43 Test depth: 200 Test hours: .25 Test rate: 25 Test methd: Air Grouted: Pmp cpcity: 10 42.26076278 Latitude: Longitude: -84.43582707 Methd coll: Interpolation-Map Elevation: Elev methd: DEM30M Depth flag: Not Reported Elev flag: Elevation < DEMmin or Elevation > DEMmax Not Reported Swl flag: Elev dem: 1000 1000 Elev dif: Elev miv: 1000 Aq code: Rock Well Aq flag: Not Reported Pct aq: 32 49 Pct aq d: 10 Pct aq r: 7 Pct maq d: 0 Pct maq: Pct mag r: 12 Pct cm: 62 Pct cm d: 90 Pct cm r: 39 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: 0 Pct na: 0 0 Pct na d: Pct na r: Not Reported 88 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 45 Pct mag 1: 0 Pct cm 1: 55 Pct pcm 1: 0 Pct na 1:

Pct maq 2:	0
Pct pcm 2:	0
Pct aq 3:	0
Pct cm 3:	100
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

Y89 NNE 1/2 - 1 Mile Lower

 Wellid:
 3800000992

 County:
 Jackson

 Town range:
 02S 01W

 Owner name:
 DEVINE, JACK

 Well addr:
 2557 CLARK ST.

Well depth: 140
Well type: Household

Wssn: 0

Well num: Not Reported
Const date: 1978-11-03 00:00:00.000

Case dia: 5

Import id: 38720122018
Township: Blackman
Section: 22

MI WELLS

MI20115935

Driller id: 1077
Case type: PVC Plastic

Case depth: 52 Screen frm: 0 0 Screen to: 30 Swl: 140 Test depth: Test hours: 1 Test rate: 20 Test methd: Unknown Grouted: Pmp cpcity: 42.2807671436 Latitude: -84.4206184634 Longitude: Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Swl flag: Not Reported 958 Elev dem: Elev dif: 2 Rock Well Elev miv: 960 Aq code: Not Reported 37 Aq flag: Pct aq: 100 7 Pct aq d: Pct aq r: Pct mag: 63 Pct mag d: 0 Pct mag r: 93 Pct cm: 0 Pct cm d: 0 Pct cm r: 0 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: Pct na: 0 Pct na d: 0 Pct na r: Pct flag: Not Reported Rock top: 45 D r type: AQ / AQ Spc cpcity: 0 A thicknes: 0 A pct aq: A pct maq: 0 A pct pcm: 0 0 0 A pct cm: A pct na: A thickns2: 0 A pct ag2: 0 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: A hit swl: F A hit top: Т A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: A sc Imaq2: 100 A sc lpct2: 0 Pct aq 1: Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 0 0 Pct aq 2: 100 Pct maq 2: Pct cm 2: 0 0 Pct pcm 2: 0 0 Pct na 2: Pct aq 3: Pct maq 3: 0 Pct cm 3: 0 Pct pcm 3: 0 Pct na 3: 0 Pct aq 4: 0 Pct maq 4: 0 Pct cm 4: 0 Pct pcm 4: 0 0 Pct na 4: 0 Pct aq 5: Pct maq 5: 0 Pct cm 5: 0 0 0 Pct pcm 5: Pct na 5: 0 0 Pct aq 6: Pct maq 6: 0 Pct cm 6: 0 Pct pcm 6: Pct na 6: 0 Pct aq 7: 0 Pct maq 7: 0 Pct cm 7: 0 Pct pcm 7: 0 Pct na 7: 0 Pct aq 8: 0 Pct maq 8: 0 Pct cm 8: 0 Pct pcm 8: 0 Pct na 8: 0 Pct aq 9: 0 0 Pct maq 9: 0 Pct cm 9: 0 0 Pct na 9: Pct pcm 9:

Pct aq 10:	0	Pct maq 10:
Pct cm 10:	0	Pct pcm 10:
Pct na 10:	0	Pct aq 11:
Pct maq 11:	0	Pct cm 11:
Pct pcm 11:	0	Pct na 11:
Pct aq 12:	0	Pct maq 12:
Pct cm 12:	0	Pct pcm 12:
Pct na 12:	0	Pct aq 13:
Pct maq 13:	0	Pct cm 13:
Pct pcm 13:	0	Pct na 13:
Within sec:	Υ	Loc match:
Aq code 1:	R	
Hit swl:	F	
Athk2:	0	
Horiz Conduct:	100	

290 NNE MI WELLS MI20115937 1/2 - 1 Mile Lower

 Wellid:
 3800000904
 Import id:
 38720122020

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 22

Owner name: MCCOY, LEE
Well addr: 2640 CLARK ST.

100

2500 103.67894

Well depth: 64

Vert Conduct:

T2:

D50plek:

Well type: Household Wssn: 0

 Well num:
 Not Reported
 Driller id:
 404

 Const date:
 1968-05-08 00:00:00.000
 Case type:
 Unknown

Case dia: 5
Case depth: 57
Screen frm: 0
Screen to: 0
Swl: 20
Test depth: 30

4

47

Test rate: 30 Test methd: Unknown Grouted: 0 Pmp cpcity: 0

Latitude: 42.2812547338 Longitude: -84.4213974117 Methd coll: Interpolation-Map

Elevation: 961

Test hours:

Pct maq r:

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 961 Elev dif: 0

Rock Well Elev miv: 961 Aq code: Aq flag: Not Reported Pct aq: 70 Pct aq d: 78 Pct aq r: 53 0 Pct maq: 14 Pct maq d:

Pct cm:

16

5			_
Pct cm d:	22	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	45
D r type:	AQ / AQ	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	50
Pct maq 1:	0	Pct cm 1:	50
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	300		
Vert Conduct:	300		
T2:	7500		
D50plek:	294.58847		

Мар	ID
Direc	ction
Dista	ance

Distance Elevation			Database	EDR ID Number
AA91 SSW 1/2 - 1 Mile Higher			MI WELLS	MI20116223
Wellid:	38000001204	Import id:	38720133043	
County:	Jackson	Township:	Blackman	
Town range:	02S 01W	Section:	33	
Owner name:	LOWE, ALRINA			
Well addr:	935 WINIFRED			
Well depth:	170			
Well type:	Household			
Wssn:	0			
Well num:	Not Reported	Driller id:	2033	
Const date:	1995-01-13 00:00:00.000	Case type:	PVC Plastic	
Case dia:	5	71 -		
Case depth:	80			
Screen frm:	0			
Screen to:	0			
Swl:	54			
Test depth:	170			
Test hours:	30			
Test rate:	40	Test methd:	Unknown	
Grouted:	1	Pmp cpcity:	0	
Latitude:	42.2598630511		· ·	
Longitude:	-84.4346758748			
Methd coll:	Interpolation-Map			
Elevation:	1010			
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported	
Elev flag:	Not Reported	Doptii liag.	Not Reported	
Swl flag:	Not Reported			
Elev dem:	1007	Elev dif:	3	
Elev miv:	1010	Aq code:	Rock Well	
Aq flag:	Not Reported	Pct aq:	38	
Pct aq d:	61	Pct aq r:	28	
Pct mag:	4	Pct maq d:	0	
Pct mag r:	5	Pct cm:	38	
Pct cm d:	16	Pct cm r:	46	
Pct pcm:	13	Pct pcm d:	22	
Pct pcm r:	9	Pct na:	0	
Pct na d:	0	Pct na r:	0	
Pct flag:	Not Reported	Rock top:	49	
D r type:	Not Reported	Spc cpcity:	0	
A thicknes:	0		0	
A pct maq:	0	A pct aq: A pct pcm:	0	
A pct cm:	0	A pct pcm. A pct na:	0	
A thickns2:	0	A pct aq2:	0	
A pct maq2:	0	A pct aq2. A pct pcm2:	0	
	0		0	
A pct cm2:	F	A pct na2:		
A hit swl:	F F	A hit top: A sc lith1:	T Not Paparted	
A hit rock:	-		Not Reported	
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported	
A sc lpct1:	0 Not Deported	A sc lith2:	Not Reported	
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported	
A sc lpct2:	0	Pct aq 1:	100	
Pct maq 1:	0	Pct cm 1:	0	
Pct pcm 1:	0	Pct na 1:	0	

Pct maq 2:	0
Pct pcm 2:	40
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

AB92 SW 1/2 - 1 Mile MI WELLS MI20116206

Wellid: 38000001187 County: Jackson Town range: 02S 01W Owner name: CRAMER, CLARE 936 WINIFRED Well addr:

Well depth: 170 Well type: Household 0

Wssn:

Higher

Not Reported Well num: 1983-02-17 00:00:00.000 Const date:

Case dia:

38720133026 Import id: Blackman Township: Section: 33

1150 Driller id: **PVC Plastic** Case type:

Case depth:	40		
Screen frm:	0		
Screen to:	0		
Swl:	55		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.2604283508	,	
Longitude:	-84.4361085822		
Methd coll:	Interpolation-Map		
Elevation:	1003		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported	2 opag.	. tot i topontou
Swl flag:	Not Reported		
Elev dem:	1000	Elev dif:	3
Elev miv:	1003	Aq code:	Rock Well
Aq flag:	Not Reported	Pct ag:	29
. •	•	_ '	36
Pct aq d:	0 0	Pct aq r: Pct maq d:	0
Pct maq:		·	-
Pct maq r:	0	Pct cm:	53
Pct cm d:	0	Pct cm r:	64
Pct pcm:	18	Pct pcm d:	100
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	30
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct mag 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct mag 7:	0	Pct cm 7:	0
•			
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	1		
Vert Conduct:	1		
T2:	10		

AC93
WNW MI WELLS MI20116065
1/2 - 1 Mile

Higher

D50plek:

 Wellid:
 38000001037
 Import id:
 38720128026

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 28

Owner name: VISTA GRAND, VILLA Well addr: 2251 SPRINGPORT RD

Well depth: 2251 SPRINGPOR
Well type: 2251 SPRINGPOR
Public

Well type: Public
Wssn: 0
Well num: Not Reported

.2306

Well num: Not Reported Driller id: 1529
Const date: 1979-06-28 00:00:00.000 Case type: PVC Plastic

 Const date:
 1979-06-28 00:00:00.000
 Case type:

 Case dia:
 5

 Case depth:
 0

Screen frm: 0
Screen to: 0
Swl: 35
Test depth: 195
Test hours: 1

Test rate: 25 Test methd: Unknown Grouted: 1 Pmp cpcity: 0

Latitude: 42.2759293591
Longitude: -84.4411945875
Methd coll: Interpolation-Map

Elevation: 993

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 991 Elev dif: 2

Elev miv: 993 Aq code: Not Reported

 Aq flag:
 Lithology Problem (Drift under Rock)t aq:
 0

 Pct aq d:
 0
 Pct aq r:
 0

 Pct maq:
 0
 Pct maq d:
 0

 Pct maq r:
 0
 Pct cm:
 0

Pct cm d:	0	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-9
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	40
Pct pcm 1:	60	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
DE0-lal.	0		

D50plek:

0

Distance Elevation			Database	EDR ID Numbe
A94 SW /2 - 1 Mile ligher			MI WELLS	MI20116197
Wellid:	38000001178	Import id:	38720133017	
County:	Jackson	Township:	Blackman	
Town range:	02S 01W	Section:	33	
Owner name:	ARCHER, ALFRED			
Well addr:	928 WAYNE ST			
Well depth:	180			
Well type:	Household			
Wssn:	0			
Well num:	Not Reported	Driller id:	1077	
Const date:	1984-11-07 00:00:00.000	Case type:	PVC Plastic	
Case dia:	5			
Case depth:	61			
Screen frm:	0			
Screen to:	0			
Swl:	50			
Test depth:	180			
Test hours:	1			
Test rate:	30	Test methd:	Unknown	
Grouted:	1	Pmp cpcity:	0	
Latitude:	42.2595885856	,		
Longitude:	-84.4347137722			
Methd coll:	Interpolation-Map			
Elevation:	1010			
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported	
Elev flag:	Not Reported	, ,	·	
Swl flag:	Not Reported			
Elev dem:	1007	Elev dif:	3	
Elev miv:	1010	Aq code:	Rock Well	
Aq flag:	Not Reported	Pct aq:	31	
Pct aq d:	22	Pct aq r:	100	
Pct mag:	0	Pct maq d:	0	
Pct mag r:	0	Pct cm:	6	
Pct cm d:	6	Pct cm r:	0	
Pct pcm:	0	Pct pcm d:	0	
Pct pcm r:	0	Pct na:	0	
Pct na d:	0	Pct na r:	0	
Pct flag:	Not Reported	Rock top:	160	
D r type:	Not Reported	Spc cpcity:	0	
A thicknes:	0	A pct aq:	0	
A pct maq:	0	A pct pcm:	0	
A pct cm:	0	A pct na:	0	
A thickns2:	0	A pct aq2:	0	
A pct maq2:	0	A pct pcm2:	0	
A pct cm2:	0	A pct na2:	0	
A hit swl:	F	A hit top:	Ť	
A hit rock:	F	A sc lith1:	Not Reported	
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported	
A sc lpct1:	0	A sc lith2:	Not Reported	
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported	
		•		
A sc lpct2: Pct maq 1:	0	Pct aq 1:	100	
rul may 1.	0	Pct cm 1:	0	

Pct aq 2: 75 Pct cm 2: 25 Pct na 2: 0 0 Pct maq 3: 0 Pct pcm 3: Pct aq 4: 0 Pct cm 4: 0 Pct na 4: 100 Pct maq 5: 0 Pct pcm 5: 0 0 Pct aq 6: Pct cm 6: 0 Pct na 6: 100 Pct maq 7: 0 Pct pcm 7: 0 0 Pct aq 8: Pct cm 8: 0 Pct na 8: 0 Pct maq 9: 0 Pct pcm 9: 0 Pct aq 10: 0 Pct cm 10: 0 Pct na 10: 0 Pct maq 11: 0 Pct pcm 11: 0 Pct aq 12: 0 Pct cm 12: 0 Pct na 12: 0 Pct maq 13: 0 0 Pct pcm 13: Within sec: Υ Aq code 1: R F Hit swl: 0 Athk2: Horiz Conduct: 60.00004 Vert Conduct: .00025 1500.001 T2: D50plek: 63.86546 Pct maq 2: 0 Pct pcm 2: 0 0 Pct aq 3: Pct cm 3: 25 Pct na 3: 75 0 Pct maq 4: Pct pcm 4: 0 Pct aq 5: 0 0 Pct cm 5: Pct na 5: 100 Pct maq 6: 0 Pct pcm 6: 0 Pct aq 7: 0 0 Pct cm 7: Pct na 7: 100 Pct maq 8: 0 Pct pcm 8: 0 Pct aq 9: 0 Pct cm 9: 0 Pct na 9: 0 Pct maq 10: 0 Pct pcm 10: 0 0 Pct aq 11: Pct cm 11: 0 0 Pct na 11: Pct mag 12: 0 0 Pct pcm 12: Pct aq 13: 0 Pct cm 13: 0 Pct na 13: 0 Loc match: Υ

AA95 SSW MI WELLS MI20116227 1/2 - 1 Mile

 Wellid:
 38000001208
 Import id:
 38720133401

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 33

Owner name: WESTWOOD CHURCH OF GOD

Well addr: 927 WAYNE

Well depth: 0

Higher

Well type: Type II public Wssn: 2066238

Well num: 001 Driller id:

Const date: Not Reported Case type: Unknown

Case dia: 0

Case depth:	0		
Screen frm:	0		
Screen to:	0		
Swl:	999.99		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.2594351	Timp opolity.	O
Longitude:	-84.43448459		
Methd coll:	Address Matching-House Numb	or	
Elevation:	1001	61	
Elev methd:	Topographoc Map Interpolation	Depth flag:	Well Depth = 0
Elev flag:	Not Reported	Deptil liag.	Well Depth = 0
Swl flag:	SWL > Well Depth		
Elev dem:	1007	Elev dif:	6
Elev miv:	1007	Aq code:	Unknown Lithology
Aq flag:	Not Reported	Pct aq:	0
Pct aq d:	0	Pct aq r:	0
Pct mag:	0	Pct maq d:	0
Pct mag r:	0	Pct cm:	0
Pct cm d:	0	Pct cm r:	0
	0	Pct pcm d:	0
Pct pcm:	0	Pct na:	0
Pct pcm r:	0		0
Pct na d:	Not Reported	Pct na r:	-3
Pct flag:	Not Reported	Rock top:	-3 0
D r type:	'	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0 0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2: A hit swl:	F	A pct na2:	T
A hit rock:	F	A hit top: A sc lith1:	=
A filt fock. A sc Imod1:	•	A sc Imaq1:	Not Reported
	Not Reported		Not Reported
A sc Ipct1:	0 Not Poportod	A sc lmag2:	Not Reported
A sc Imod2:	Not Reported 0	A sc Imaq2:	Not Reported 0
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1: Pct na 1:	0
Pct pcm 1:	0		0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2: Pct na 2:	0	Pct pcm 2:	0
		Pct aq 3:	
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0 0	Pct na 3:	0
Pct aq 4: Pct cm 4:	0	Pct maq 4: Pct pcm 4:	0
	0	•	0
Pct na 4:	0	Pct aq 5: Pct cm 5:	0
Pct maq 5: Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
	0	Pct aq 7:	0
Pct maq 7:	0	Pct na 7:	0
Pct pcm 7: Pct aq 8:	0	Pct maq 8:	0
·	0	Pct may 6: Pct pcm 8:	0
Pct cm 8: Pct na 8:	0	•	0
Pct maq 9:	0	Pct aq 9: Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
i or point o.		i otila o.	· ·

Pct aq 10: 0 Pct maq 10: 0 Pct cm 10: 0 Pct pcm 10: 0 0 Pct na 10: 0 Pct aq 11: 0 0 Pct maq 11: Pct cm 11: Pct pcm 11: Pct na 11: 0 0 Pct aq 12: 0 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 0 Pct na 12: 0 Pct aq 13: 0 Pct maq 13: 0 Pct cm 13: 0 Pct pcm 13: 0 Pct na 13: 0 Within sec: Υ Loc match: Υ

Aq code 1: Not Reported Hit swl: Not Reported Athk2: 0

 Athk2:
 0

 Horiz Conduct:
 0

 Vert Conduct:
 0

 T2:
 0

 D50plek:
 0

Lower

Z96
NNE
MI WELLS
MI20115932
1/2 - 1 Mile

 Wellid:
 3800000899
 Import id:
 38720122015

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 22

Owner name: RUMLER, PHILLIP C. Well addr: 2703 CLARK RD.

Well depth: 175
Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 1529

 Case dia:
 5

 Case depth:
 58

 Screen frm:
 0

 Screen to:
 0

 Swl:
 20

 Test depth:
 165

 Test hours:
 1

Test rate: 25 Test methd: Unknown Grouted: 1 Pmp opcity: 0

Latitude: 42.2814665383
Longitude: -84.4206272735
Methd coll: Interpolation-Map

Elevation: 962

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 961 Elev dif: 1

Elev miv: 962 Aq code: Not Reported

 Aq flag:
 Lithology Problem (Drift under Rock) aq:
 0

 Pct aq d:
 0
 Pct aq r:
 0

 Pct maq:
 0
 Pct maq d:
 0

 Pct maq r:
 0
 Pct cm:
 0

Pct cm d:	0	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-9
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	80
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	20	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
DEO-I-I-	^		

D50plek:

0

Мар	ID
Direc	ction
Dista	nce

Distance Elevation			Database	EDR ID Numbe
.B97 W /2 - 1 Mile ligher			MI WELLS	MI20116191
Wellid:	38000001172	Import id:	38720133011	
County:	Jackson	Township:	Blackman	
Town range:	02S 01W	Section:	33	
Owner name:	GIER,			
Well addr:	906 WINIFRED			
Well depth:	205			
Well type:	Household			
Wssn:	0			
Well num:	Not Reported	Driller id:	1150	
Const date:	1982-09-30 00:00:00.000	Case type:	PVC Plastic	
Case dia:	5			
Case depth:	65			
Screen frm:	0			
Screen to:	0			
Swl:	65			
Test depth:	0			
Test hours:	0			
Test rate:	0	Test methd:	Unknown	
Grouted:	1	Pmp cpcity:	0	
Latitude:	42.2600595129	i inp opolty.	O .	
Longitude:	-84.436060436			
Methd coll:	Interpolation-Map			
Elevation:	1005			
Elev methd:		Donth floa:	Not Reported	
	Topographoc Map Interpolation	Depth flag:	Not Reported	
Elev flag:	Not Reported			
Swl flag:	Not Reported	Flavorite	4	
Elev dem:	1004 1005	Elev dif:	1 Rock Well	
Elev miv:		Aq code:		
Aq flag:	Not Reported	Pct aq:	17	
Pct aq d:	30	Pct aq r:	13	
Pct maq:	0	Pct maq d:	0	
Pct maq r:	0	Pct cm:	24	
Pct cm d:	0	Pct cm r:	32	
Pct pcm:	59	Pct pcm d:	70	
Pct pcm r:	55	Pct na:	0	
Pct na d:	0	Pct na r:	0	
Pct flag:	Not Reported	Rock top:	50	
D r type:	Not Reported	Spc cpcity:	0	
A thicknes:	0	A pct aq:	0	
A pct maq:	0	A pct pcm:	0	
A pct cm:	0	A pct na:	0	
A thickns2:	0	A pct aq2:	0	
A pct maq2:	0	A pct pcm2:	0	
A pct cm2:	0	A pct na2:	0	
A hit swl:	F	A hit top:	Т	
A hit rock:	F	A sc lith1:	Not Reported	
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported	
A sc lpct1:	0	A sc lith2:	Not Reported	
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported	
A sc lpct2:	0	Pct aq 1:	0	
Pct maq 1:	0	Pct cm 1:	0	
Pct pcm 1:	100	Pct na 1:	0	

Pct aq 2:	25
Pct cm 2:	0
Pct na 2:	0
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	0
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Y
Aq code 1:	R
Hit swl:	F
Athk2:	0
Horiz Conduct:	50.0005
Vert Conduct:	.002
T2:	1500.015
D50plek:	76.63923

Pct mag 2:	0
Pct pcm 2:	75
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct mag 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct mag 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

AD98 WSW 1/2 - 1 Mile Lower

Wellid: 38000001025 County: Jackson Town range: 02S 01W Owner name: PAMAR, INC. 1161 MAYNARD Well addr:

Well depth: 147 Well type: Household

Wssn: 0

Not Reported Well num: 1971-12-22 00:00:00.000 Const date:

Case dia:

MI WELLS MI20116053

38720128014 Blackman

28

Import id:

Township:

Section:

Driller id:

Case type:

522 Unknown

Case depth:	82		
Screen frm:	0		
Screen to:	0		
Swl:	29		
Test depth:	30		
Test hours:	1		
Test rate:	25	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.2662262423		
Longitude:	-84.4424736068		
Methd coll:	Interpolation-Map		
Elevation:	977		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	974	Elev dif:	3
Elev miv:	977	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	63
Pct aq d:	92	Pct ag r:	43
Pct maq:	22	Pct maq d:	0
Pct mag r:	36	Pct cm:	12
Pct cm d:	0	Pct cm r:	20
Pct pcm:	3	Pct pcm d:	8
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	59
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0		0
	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	F	A pct na2:	F
A hit swl: A hit rock:	F F	A hit top: A sc lith1:	=
			Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0 Not Banartad	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	75 0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	25	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	100		
Vert Conduct:	100		

AA99 SSW 1/2 - 1 Mile **MI WELLS** MI20116196 Higher

Wellid: 38000001177 Import id: 38720133016 County: Jackson Township: Blackman Town range: 02S 01W Section: 33

Owner name: SERCOMBE, JANET

3900

246.73672

Well addr: 918 WAYNE ST Well depth: 180

Well type: Household 0 Wssn:

T2: D50plek:

Well num: Not Reported

Driller id: 1529 Const date: 1981-10-14 00:00:00.000 Case type: Unknown

Case dia: 5 Case depth: 40 Screen frm: 0 0 Screen to: Swl: 0 Test depth: 0 0

Test hours:

0 Test rate: Test methd: Unknown Grouted: 1 Pmp cpcity:

Latitude: 42.2592886396 Longitude: -84.4347079299 Methd coll: Interpolation-Map

Elevation: 1009

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported SWL = 0Swl flag:

Elev dem: 1007 Elev dif: 2

Not Reported Elev miv: Aq code:

Aq flag: Lithology Problem (Drift under Rock)t aq: 0 Pct aq d: 0 Pct aq r: 0 0 Pct maq: 0 Pct maq d: Pct cm: 0 0 Pct maq r:

Pct cm d:	0	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-9
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Т
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	75
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	25	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct mag 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
DC0=lal.	0		

D50plek:

0

Map ID Direction Distance Elevation Database EDR ID Number 100 MI WELLS MI20116210 1/2 - 1 Mile Higher Wellid: 38000001191 Import id: 38720133030 County: Township: Blackman Jackson Town range: 02S 01W Section: 33 FINN, ROBERT Owner name: Well addr: 1053 BRYANT Well depth: 208 Well type: Household 0 Wssn: Well num: Driller id: 1150 Not Reported Const date: 1985-04-16 00:00:00.000 Case type: **PVC Plastic** 5 Case dia: Case depth: 0 Screen frm: 0 Screen to: 0 Swl: 0 Test depth: 45 3 Test hours: Test rate: 25 Test methd: Unknown Grouted: Pmp cpcity: 42.2616290809 Latitude: Longitude: -84.4389233274 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported SWL = 0Swl flag: Elev dem: 997 Elev dif: Elev miv: 1001 Aq code: Rock Well Aq flag: Not Reported Pct aq: 6 8 Pct aq d: 0 Pct aq r: Pct maq d: 0 Pct maq: 0 Pct mag r: 0 Pct cm: 60 Pct cm d: 0 Pct cm r: 84 Pct pcm: 34 Pct pcm d: 100 7 Pct pcm r: Pct na: 0 0 Pct na r: 0 Pct na d: Not Reported 60 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 0 A thickns2: A pct aq2: 0

A pct pcm2:

A pct na2:

A hit top:

A sc lith1:

A sc lith2:

Pct cm 1:

Pct na 1:

A sc Imaq1:

A sc Imaq2: Pct aq 1:

A pct maq2:

A pct cm2:

A hit swl:

A hit rock:

A sc Imod1:

A sc Imod2:

A sc lpct1:

A sc lpct2:

Pct mag 1:

Pct pcm 1:

0

0

F

0

0

100

Not Reported

Not Reported

0

Τ

0

0

0

Not Reported

Not Reported

Not Reported Not Reported

Pct aq 2: Pct cm 2: Pct na 2: Pct na 2: Pct maq 3: Pct pcm 3: Pct aq 4: Pct cm 4: Pct na 4: Pct maq 5: Pct pcm 5: Pct aq 6: Pct cm 6: Pct na 6: Pct na 7: Pct pcm 7: Pct aq 8: Pct na 8: Pct na 8: Pct na 8: Pct na 9: Pct pcm 9: Pct aq 10: Pct pcm 10: Pct na 10: Pct maq 11: Pct pcm 11: Pct pcm 12: Pct maq 13: Pct pcm 13: Within sec: Aq code 1: Hit swl: Athk2: Horiz Conduct:	0 0 0 0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Aq code 1:	R
•	F
	-
	-
Vert Conduct:	.001
T2:	.04
D50plek:	.00605

Pct maq 2:	0
Pct pcm 2:	100
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

AC101 WNW MI WELLS MI20118722 1/2 - 1 Mile Higher

Import id:

 Wellid:
 38000004548

 County:
 Jackson

 Town range:
 02S 01W

Owner name: VISTA GRANDE VILLA Well addr: 2251 SPRINGPORT RD

Well depth: 122
Well type: Irrigation
Wssn: 0

Well num: Not Reported Driller id:
Const date: 2002-02-13 00:00:00.000 Case type:

Case dia: 5

Township: Blackman Section: 28

Not Reported Blackman

1593

PVC Plastic

Case depth:	45		
Screen frm:	0		
Screen to:	0		
Swl:			
	13		
Test depth:	120		
Test hours:	1	-	
Test rate:	90	Test methd:	Air
Grouted:	1	Pmp cpcity:	80
Latitude:	42.2765402		
Longitude:	-84.44137489		
Methd coll:	Address Matching-House Numb	er	
Elevation:	997		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	991	Elev dif:	6
Elev miv:	997	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	9
Pct aq d:	21	Pct aq r:	5
Pct maq:	63	Pct maq d:	0
Pct maq r:	88	Pct cm:	17
Pct cm d:	41	Pct cm r:	8
Pct pcm:	11	Pct pcm d:	38
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	34
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	, F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imag1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imag2:	Not Reported
A sc lpct2:	0	Pct aq 1:	35
Pct mag 1:	0	Pct cm 1:	65
Pct pcm 1:	0	Pct na 1:	0
_ `	0		0
Pct aq 2:	0	Pct maq 2:	
Pct cm 2:	0	Pct pcm 2:	0 0
Pct na 2:		Pct aq 3:	
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.00094		
Vert Conduct:	.00061		
T2:	.0131		

AD102 WSW MI WELLS MI20116052 1/2 - 1 Mile

Import id:

Township:

Section:

Driller id:

Case type:

 Wellid:
 38000001024

 County:
 Jackson

 Town range:
 02S 01W

D50plek:

Higher

Owner name: SIAUQUE, J.B. Well addr: 1149 MAYNARD

Well depth: 125 Well type: Household

Wssn: 0

Well num: Not Reported
Const date: 1967-06-10 00:00:00.000

.0008

 Case dia:
 4

 Case depth:
 57

 Screen frm:
 0

 Screen to:
 0

 Swl:
 18

 Test depth:
 35

 Test hours:
 2

Test rate: 30 Test methd: Unknown Grouted: 0 Pmp cpcity: 0

Latitude: 42.2655558083 Longitude: -84.4425119647 Methd coll: Interpolation-Map

Elevation: 980

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 981 Elev dif: 1

Elev miv: 980 Aq code: Rock Well Aq flag: Pct aq: 6

 Aq flag.
 Not Reported
 Fet aq.
 0

 Pct aq d:
 0
 Pct aq r:
 10

 Pct maq:
 0
 Pct maq d:
 0

 Pct maq r:
 0
 Pct cm:
 81

38720128013

Blackman

28

404

Unknown

Pct cm d:	64	Pct cm r:	90
Pct pcm:	13	Pct pcm d:	36
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	45
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc Imag2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	100
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	45	Pct pcm 2:	55
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct mag 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct mag 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Ϋ́
Ag code 1:	R	200 matori.	•
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.00068		
Vert Conduct:	.00024		
T2:	.0169		
D50plek:	.00177		
	- 		

Map ID
Direction
Distance
Flovetion

Database EDR ID Number Elevation AA103 SSW **MI WELLS** MI20116226 1/2 - 1 Mile Higher Wellid: 38000001207 Import id: 38720133046 Township: Blackman County: Jackson Town range: 02S 01W Section: 33 GOLOMSKI,MIKE Owner name: Well addr: NORTH ST/WAYNE Well depth: 180 Well type: Household 0 Wssn: Well num: Driller id: 1077 Not Reported Const date: 1995-12-01 00:00:00.000 Case type: **PVC Plastic** Case dia: 5 Case depth: 67 Screen frm: 0 Screen to: 0 Swl: 50 Test depth: 180 Test hours: 1 Test rate: 20 Test methd: Unknown Grouted: Pmp cpcity: Latitude: 42.2591527341 Longitude: -84.4349453332 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 1007 Elev dif: Elev miv: 1008 Aq code: Unknown Lithology Aq flag: Not Reported Pct aq: 0 0 Pct aq d: 0 Pct aq r: 0 Pct maq: 0 Pct maq d: Pct mag r: 0 Pct cm: 0 Pct cm d: 0 Pct cm r: 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: 0 Pct na: 0 0 Pct na d: Pct na r: Not Reported Pct flag: Rock top: -3 D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 100

	_
Pct aq 2:	0
Pct cm 2:	0
Pct na 2:	100
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	100
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	100
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	Not Reported
Hit swl:	Not Reported
4.1.1.6	_

Pct maq 2: Pct pcm 2: Pct aq 3: Pct cm 3: Pct na 3: Pct maq 4: Pct pcm 4: Pct aq 5: Pct cm 5: Pct na 5: Pct maq 6: Pct pcm 6: Pct aq 7: Pct cm 7: Pct na 7: Pct maq 8: Pct pcm 8: Pct aq 9: Pct cm 9: Pct na 9: Pct maq 10: Pct pcm 10: Pct aq 11: Pct cm 11: Pct na 11: Pct maq 12: Pct pcm 12: Pct aq 13: Pct cm 13: Pct na 13: Loc match:

Import id:

Township:

Section:

Driller id:

Case type:

0

0

0

0

0

0

100

104 NE 1/2 - 1 Mile Lower

Athk2:

T2:

D50plek:

Horiz Conduct:

Vert Conduct:

Wellid: 3800007553
County: Jackson
Town range: 02S 01W
Owner name: DON GIBBS
Well addr: 2412 LANSING AVE

Well depth: 181
Well type: Household

Wssn: 0

Well num: Not Reported

0

0

0

0

0

Const date: 2004-05-05 00:00:00.000

Case dia: 5

MI WELLS MI20120441

Reported

Not Reported Blackman 22

167

PVC Plastic

TC2990959.2s Page A-181

Case depth: 49.5 Screen frm: 0 Screen to: 0 Swl: 31 Test depth: 70 Test hours: 2 Test rate: 20 Test methd: Test Pump Grouted: Pmp cpcity: 20 42.27860807 Latitude: -84.41378619 Longitude: Methd coll: Interpolation-Map Elevation: Elev methd: DEM30M Depth flag: Not Reported Elev flag: Elevation < DEMmin or Elevation > DEMmax Swl flag: Not Reported 958 958 Elev dem: Elev dif: Rock Well Elev miv: 958 Aq code: Not Reported 91 Aq flag: Pct aq: Pct aq d: 56 Pct aq r: 100 Pct mag: 0 Pct mag d: 0 Pct mag r: 0 Pct cm: 9 Pct cm d: 44 Pct cm r: 0 0 0 Pct pcm: Pct pcm d: 0 0 Pct pcm r: Pct na: Pct na d: 0 Pct na r: 0 Pct flag: Not Reported Rock top: 39 .300000011920929 D r type: Not Reported Spc cpcity: A thicknes: 0 0 A pct aq: A pct maq: 0 A pct pcm: 0 0 0 A pct cm: A pct na: A thickns2: 0 A pct ag2: 0 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: A hit swl: F A hit top: F A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported Not Reported A sc lpct1: A sc lith2: Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: Pct aq 1: 85 Pct mag 1: 0 Pct cm 1: 15 Pct pcm 1: 0 Pct na 1: 0 0 Pct aq 2: 0 Pct maq 2: Pct cm 2: 0 0 Pct pcm 2: 0 0 Pct na 2: Pct aq 3: Pct maq 3: 0 Pct cm 3: 0 Pct pcm 3: 0 Pct na 3: 0 Pct aq 4: 0 Pct maq 4: 0 Pct cm 4: 0 Pct pcm 4: 0 0 Pct na 4: 0 Pct aq 5: Pct maq 5: 0 Pct cm 5: 0 0 0 Pct pcm 5: Pct na 5: 0 0 Pct aq 6: Pct maq 6: 0 Pct cm 6: 0 Pct pcm 6: Pct na 6: 0 Pct aq 7: 0 Pct maq 7: 0 Pct cm 7: 0 Pct pcm 7: 0 Pct na 7: 0 Pct aq 8: 0 Pct maq 8: 0 Pct cm 8: 0 Pct pcm 8: 0 Pct na 8: 0 Pct aq 9: 0 0 Pct maq 9: 0 Pct cm 9: 0 0 Pct na 9: Pct pcm 9:

0

0

0

0

0

0

0

0

0

Υ

Pct aq 10: 0 Pct maq 10: Pct cm 10: 0 Pct pcm 10: Pct na 10: 0 Pct aq 11: 0 Pct maq 11: Pct cm 11: Pct pcm 11: 0 Pct na 11: Pct aq 12: 0 Pct maq 12: Pct pcm 12: Pct cm 12: 0 Pct na 12: 0 Pct aq 13: Pct maq 13: 0 Pct cm 13: 0 Pct pcm 13: Pct na 13: Υ Within sec: Loc match: Aq code 1: R Hit swl: F Athk2: 0 Horiz Conduct: 26.31586

AE105
NNE
MI WELLS
MI20115943
1/2 - 1 Mile
Lower

 Wellid:
 38000000910
 Import id:
 38720122026

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 22

Owner name: JESSUP, JEFF Well addr: 2718 CLARK DR

.00014

500.0014

17.16313

Well depth: 90
Well type: Household

Wssn: 0

Vert Conduct:

T2:

D50plek:

Well num: Not Reported Driller id: 106
Const date: 1988-04-07 00:00:00.000 Case type: Steel-black

 Case dia:
 4

 Case depth:
 62

 Screen frm:
 0

 Screen to:
 0

 Swl:
 23

 Test depth:
 33

 Test hours:
 2

Test rate: 15 Test methd: Unknown Grouted: 1 Pmp opcity: 0

Latitude: 42.2824821968
Longitude: -84.4213645905
Methd coll: Interpolation-Map

Elevation: 964

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 961 Elev dif: 3

Rock Well Elev miv: 964 Aq code: Aq flag: Not Reported 47 Pct aq: Pct aq d: 0 Pct aq r: 100 Pct maq: 0 Pct maq d: 0 26 0 Pct maq r: Pct cm:

5		- .	_
Pct cm d:	48	Pct cm r:	0
Pct pcm:	28	Pct pcm d:	52
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	48
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imag1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imag2:	Not Reported
	0	_ '	0
A sc lpct2:		Pct aq 1:	
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	75	Pct pcm 2:	25
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct mag 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	_ '	0
	0	Pct aq 11: Pct cm 11:	0
Pct maq 11:			_
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.00187		
Vert Conduct:	.00012		
T2:	.0523		
D50plek:	.00537		

Map ID Direction Distance

Database EDR ID Number Elevation AF106 SSW 1/2 - 1 Mile **MI WELLS** MI20116195 Higher Wellid: 38000001176 Import id: 38720133015 Township: Blackman County: Jackson Town range: 02S 01W Section: 33 MURPH'S & MATTHEW'S PUMPS Owner name: Well addr: 838 WAYNE ST Well depth: 185 Well type: Household 0 Wssn: Well num: Driller id: 418 Not Reported 1992-09-29 00:00:00.000 **PVC Plastic** Const date: Case type: Case dia: 5 Case depth: 74 Screen frm: 0 Screen to: 0 Swl: 50 Test depth: 0 0 Test hours: Test rate: 100 Test methd: Unknown Grouted: Pmp cpcity: 42.2580754551 Latitude: Longitude: -84.4347564942 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 1007 Elev dif: Elev miv: 1008 Aq code: Rock Well Aq flag: Not Reported Pct aq: 41 Pct aq d: 0 Pct aq r: 54 Pct maq d: Pct maq: 14 0 Pct mag r: 18 Pct cm: 30 Pct cm d: 56 Pct cm r: 21 Pct pcm: 11 Pct pcm d: 44 0 0 Pct pcm r: Pct na: 0 Pct na d: 0 Pct na r: Not Reported 45 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 100 Pct pcm 1: 0 Pct na 1:

Pct mag 2:	0
Pct pcm 2:	75
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

AG107 WSW 1/2 - 1 Mile Higher

Wellid: 3800001023 Import id:
County: Jackson Township:
Town range: 02S 01W Section:

Owner name: PRZANO, MARIAN Well addr: 1117 MAYNARD

Well depth: 207
Well type: Household

Wssn: 0

Well num: Not Reported Driller id:
Const date: 1992-07-06 00:00:00.000 Case type:

Case dia: 5

MI WELLS MI20116051

38720128012 Blackman

28

1944

PVC Plastic

Case depth:	104		
Screen frm:	0		
Screen to:	0		
Swl:	39		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.263459326	1 -1 - 9	
Longitude:	-84.4426039445		
Methd coll:	Interpolation-Map		
Elevation:	992		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported	Dopur nag.	not nopolica
Swl flag:	Not Reported		
Elev dem:	991	Elev dif:	1
Elev miv:	992	Aq code:	Rock Well
Aq flag:	Not Reported	Pct ag:	0
Pct aq d:	0	Pct ag r:	0
_	0	Pct maq d:	0
Pct maq:		Pct cm:	35
Pct maq r:	0		
Pct cm d:	39	Pct cm r:	33
Pct pcm:	18	Pct pcm d:	61
Pct pcm r:	0	Pct na:	47
Pct na d:	0 Nat Danastad	Pct na r:	67
Pct flag:	Not Reported	Rock top:	62
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0_	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	85
Pct pcm 1:	15	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	100
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	25
Pct pcm 3:	75	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
•			

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.00835		
Vert Conduct:	.00057		

AE108 NNE 1/2 - 1 Mile Lower

T2:

D50plek:

Wellid: 38000000890 Import id: 38720122006 County: Jackson Township: Blackman Town range: 02S 01W 22 Section:

Owner name: HANSEL, RALPH

.3507

.0445

Well addr: Not Reported Well depth: 90

Well type: Household

0 Wssn:

Well num: Driller id: 167 Not Reported Const date: 1975-05-14 00:00:00.000 Case type: Unknown

Case dia: 4 Case depth: 63 Screen frm: 0 0 Screen to: Swl: 20 Test depth: 50 2 Test hours:

Test rate: 12 Test methd: Unknown Grouted: 0 Pmp cpcity:

Latitude: 42.2831238188 Longitude: -84.4213515629 Methd coll: Interpolation-Map

Elevation: 963

Pct maq r:

Not Reported Elev methd: Topographoc Map Interpolation Depth flag:

Elev flag: Not Reported Not Reported Swl flag:

Elev dem: 958 Elev dif: 5

Rock Well Elev miv: 963 Aq code: Aq flag: Not Reported Pct aq: 63 Pct aq d: 55 Pct aq r: 70 0 Pct maq: Pct maq d: 0 0 17

Pct cm:

MI20115923

MI WELLS

Pct cm d:	0	Pct cm r:	30
Pct pcm:	20	Pct pcm d:	45
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	40
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Т
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	60
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	40	Pct na 1:	0
Pct aq 2:	50	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	50
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	150.005		
Vert Conduct:	.02		
T2:	3000.1		
D50plek:	98.62109		
•			

Map ID Direction Distance

Elevation Database EDR ID Number AE109 NNE **MI WELLS** MI20115942 1/2 - 1 Mile Lower Wellid: 38000000909 Import id: 38720122025 Township: Blackman County: Jackson Town range: 02S 01W Section: 22 RICE'S COUNTRY CARE Owner name: Well addr: 2730 CLARK ST Well depth: 80 Well type: Household 0 Wssn: Well num: Driller id: 2033 Not Reported 1992-10-01 00:00:00.000 Const date: Case type: **PVC Plastic** Case dia: 5 Case depth: 59 Screen frm: 0 Screen to: 0 Swl: 26 Test depth: 80 Test hours: 4 Test rate: 40 Test methd: Unknown Grouted: Pmp cpcity: 42.2831333982 Latitude: Longitude: -84.4213127764 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 958 Elev dif: Elev miv: 961 Aq code: Drift Well Aq flag: Not Reported Pct aq: 44 0 Pct aq d: 44 Pct aq r: Pct maq d: Pct maq: 0 0 Pct mag r: 0 Pct cm: 6 Pct cm d: 6 Pct cm r: 0 Pct pcm: 19 Pct pcm d: 19 Pct pcm r: 0 Pct na: 0 0 0 Pct na d: Pct na r: Not Reported Pct flag: Rock top: -1 D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: 50 A sc lpct2: 0 Pct aq 1: Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 50 Pct na 1: 0

Pct aq 2:	75
Pct cm 2:	0
Pct na 2:	0
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	100
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	Not Reported
Hit swl:	Not Reported
A.I. I. O.	•

Pct maq 2:
Pct pcm 2:
Pct aq 3:
Pct cm 3:
Pct na 3:
Pct mag 4:
Pct pcm 4:
Pct aq 5:
Pct cm 5:
Pct na 5:
Pct maq 6:
Pct pcm 6:
Pct aq 7:
Pct cm 7:
Pct na 7:
Pct maq 8:
Pct pcm 8:
Pct aq 9:
Pct cm 9:
Pct na 9:
Pct maq 10:
Pct pcm 10:
Pct aq 11:
Pct cm 11:
Pct na 11:
Pct maq 12:
Pct pcm 12:
Pct aq 13:
Pct cm 13:
Pct na 13:
Loc match:

Import id:

Township:

Section:

Driller id:

Case type:

50
25
25
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
Υ

0 25 50

110 SSW 1/2 - 1 Mile Higher

Athk2:

T2:

D50plek:

Horiz Conduct:

Vert Conduct:

Wellid: 38000001173 County: Jackson 02S 01W Town range: Owner name:

TOMPSON, HARLD 834 BROWN N Well addr:

0

0 0

0

0

Well depth: 170 Well type: Household

Wssn: 0

Well num: Not Reported 1987-11-20 00:00:00.000 Const date:

5 Case dia:

MI WELLS MI20116192

38720133012 Blackman 33

1150 **PVC Plastic**

Case depth:	78		
Screen frm:	0		
Screen to:	0		
Swl:	0		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.2575144746	imp opolity.	Ü
Longitude:	-84.4334784792		
Methd coll:	Interpolation-Map		
Elevation:	1009		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported	Dopar nag.	Horrioportou
Swl flag:	SWL = 0		
Elev dem:	1007	Elev dif:	2
Elev miv:	1009	Aq code:	Rock Well
Aq flag:	Not Reported	Pct aq:	29
Pct aq d:	100	Pct aq r:	0
Pct maq:	56	Pct maq d:	0
Pct mag r:	79	Pct cm:	15
Pct cm d:	0	Pct cm r:	21
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	50
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Т
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

38720128011

Blackman

28

Pct aq 10:	0	Pct maq 10:
Pct cm 10:	0	Pct pcm 10:
Pct na 10:	0	Pct aq 11:
Pct maq 11:	0	Pct cm 11:
Pct pcm 11:	0	Pct na 11:
Pct aq 12:	0	Pct maq 12:
Pct cm 12:	0	Pct pcm 12:
Pct na 12:	0	Pct aq 13:
Pct maq 13:	0	Pct cm 13:
Pct pcm 13:	0	Pct na 13:
Within sec:	Υ	Loc match:
Aq code 1:	R	
Hit swl:	F	
Athk2:	0	
Horiz Conduct:	100	
Vert Conduct:	100	

AG111 WSW MI WELLS MI20116050 1/2 - 1 Mile

HigherWellid:38000001022Import id:County:JacksonTownship:Town range:02S 01WSection:

Owner name: HOWARD, FNU Well addr: 1111 MAYNARD ST

3000

147.92695

Well depth: 170
Well type: Household

Well type: Househ

T2:

D50plek:

Well num: Not Reported Driller id: 404
Const date: 1967-06-10 00:00:00.000 Case type: Unknown

 Case dia:
 4

 Case depth:
 70

 Screen frm:
 0

 Screen to:
 0

 Swl:
 42

 Test depth:
 60

 Test hours:
 2

Test rate: 15 Test methd: Unknown Grouted: 0 Pmp cpcity: 0

 Latitude:
 42.2631815544

 Longitude:
 -84.4425958494

 Methd coll:
 Interpolation-Map

Elevation: 993

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 991 Elev dif: 2

Elev miv: 993 Aq code: Rock Well

Aq flag: Not Reported Pct aq: 9 Pct aq d: 0 Pct aq r: 12 Pct maq: 0 Pct maq d: 0 0 82 Pct maq r: Pct cm:

Pct cm d:	66	Pct cm r:	88
Pct pcm:	8	Pct pcm d:	34
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	41
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	30
Pct pcm 1:	70	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct mag 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct mag 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.0001		
Vert Conduct:	.0001		
T2:	.0021		
D50plek:	.00025		
F			

Мар	ID
Direc	ction
Dista	ance

Elevation Database EDR ID Number 112 **MI WELLS** MI20115930 1/2 - 1 Mile Lower Wellid: 38000000897 Import id: 38720122013 Township: Blackman County: Jackson Town range: 02S 01W 22 Section: LARRY'S SERVICE CENTER Owner name: Well addr: 2520 LANSING AVE. Well depth: 135 Well type: Other Wssn: 0 Well num: Not Reported Driller id: 167 Const date: 1970-12-10 00:00:00.000 Case type: Unknown Case dia: 4 Case depth: 66 Screen frm: 0 Screen to: 0 Swl: 32 Test depth: 66 Test hours: 3 Test rate: 20 Test methd: Unknown Grouted: Pmp cpcity: Latitude: 42.2799827102 Longitude: -84.414132553 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 945 Elev dif: Elev miv: 950 Aq code: Rock Well Aq flag: Not Reported Pct aq: 33 19 Pct aq d: 100 Pct aq r: 0 Pct maq: 0 Pct maq d: Pct mag r: 0 Pct cm: 56 Pct cm d: 0 Pct cm r: 67 Pct pcm: 11 Pct pcm d: 0 0 Pct pcm r: 13 Pct na: 0 0 Pct na d: Pct na r: Not Reported 22 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: 100 A sc lpct2: 0 Pct aq 1: Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 0

Pct aq 2:	0
Pct cm 2:	0
Pct na 2:	0
Pct maq 3:	0
Pct pcm 3:	0
Pct aq 4:	0
Pct cm 4:	0
Pct na 4:	0
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Υ
Aq code 1:	R
Hit swl:	F
Athk2:	0
Horiz Conduct:	100
Vert Conduct:	100
T2:	200
D50plek:	.76127

Pct maq 2: 0 Pct pcm 2: 0 Pct aq 3: 0 0 Pct cm 3: Pct na 3: 0 Pct maq 4: 0 Pct pcm 4: 0 Pct aq 5: 0 0 Pct cm 5: Pct na 5: 0 Pct maq 6: 0 Pct pcm 6: 0 Pct aq 7: 0 0 Pct cm 7: 0 Pct na 7: Pct maq 8: 0 0 Pct pcm 8: Pct aq 9: 0 Pct cm 9: 0 Pct na 9: 0 Pct maq 10: 0 0 Pct pcm 10: 0 Pct aq 11: 0 Pct cm 11: Pct na 11: 0 Pct maq 12: 0 Pct pcm 12: 0 0 Pct aq 13: Pct cm 13: 0 Pct na 13: 0 Loc match: Υ

AF113
SSW
MI WELLS MI20116194
1/2 - 1 Mile

Driller id:

Case type:

Wellid: 38000001175
County: Jackson
Town range: 02S 01W
Owner name: FREEMAN, JOHN
Well addr: 828 WAYNE ST

Well depth: 200 Well type: Household

Wssn: 0

Higher

Well num: Not Reported
Const date: 1978-08-28 00:00:00.000

Case dia: 5

Import id: 38720133014
Township: Blackman
Section: 33

1150 Unknown

Cana danth.	50		
Case depth: Screen frm:	52 0		
Screen to:	0		
Swl:			
Test depth:	58 0		
Test hours:	0		
		Test methd:	Linkanaum
Test rate: Grouted:	0 1		Unknown 0
	•	Pmp cpcity:	U
Latitude:	42.2578120087		
Longitude: Methd coll:	-84.4346849625		
Elevation:	Interpolation-Map 1007		
Elevation. Elev methd:		Donth floa:	Not Doportod
Elev flag:	Topographoc Map Interpolation Not Reported	Depth flag:	Not Reported
•	•		
Swl flag: Elev dem:	Not Reported 1004	Elev dif:	3
Elev dem. Elev miv:	1004	Ag code:	Rock Well
		•	5
Aq flag: Pct aq d:	Not Reported 22	Pct aq:	0
_	0	Pct aq r: Pct maq d:	0
Pct maq:	0	Pct cm:	0
Pct maq r:		Pct cm r:	0
Pct cm d:	0 80		78
Pct pcm:	81	Pct pcm d:	-
Pct pcm r:		Pct na:	0
Pct na d:	0 Not Departed	Pct na r:	0 45
Pct flag:	Not Reported	Rock top:	-
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	-
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	-
A pct cm2:	0 F	A pct na2:	0 T
A hit swl: A hit rock:	F	A hit top:	=
	·	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1: A sc lmod2:	0 Not Reported	A sc lith2: A sc lmaq2:	Not Reported Not Reported
	·		50
A sc lpct2:	0	Pct aq 1: Pct cm 1:	0
Pct maq 1: Pct pcm 1:	50	Pct na 1:	0
_ '	0		0
Pct aq 2: Pct cm 2:	0	Pct maq 2: Pct pcm 2:	100
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
po o.	•		-

Pct aq 10:	0	Pct maq 10:	(
Pct cm 10:	0	Pct pcm 10:	(
Pct na 10:	0	Pct aq 11:	(
Pct maq 11:	0	Pct cm 11:	(
Pct pcm 11:	0	Pct na 11:	(
Pct aq 12:	0	Pct maq 12:	(
Pct cm 12:	0	Pct pcm 12:	(
Pct na 12:	0	Pct aq 13:	(
Pct maq 13:	0	Pct cm 13:	(
Pct pcm 13:	0	Pct na 13:	(
Within sec:	Υ	Loc match:	,
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	1		
Vert Conduct:	1		
T2:	25		
D50plek:	1.3536		

AH114 SW MI WELLS MI20116186 1/2 - 1 Mile

Higher

 Wellid:
 38000001167
 Import id:
 38720133006

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 33

Owner name: BOYER, MRS

Well addr: 898 LONGFELLOW ST

Well depth: 200 Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 1150
Const date: 1980-04-24 00:00:00.000 Case type: Unknown

 Case dia:
 5

 Case depth:
 67

 Screen frm:
 0

 Screen to:
 0

 Swl:
 58

 Test depth:
 0

 Test hours:
 0

Test rate: 0 Test methd: Unknown Grouted: 1 Pmp cpcity: 0

Latitude: 42.2588208942 Longitude: -84.4373082734 Methd coll: Interpolation-Map

Elevation: 1005

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 1004 Elev dif: 1

Rock Well Elev miv: 1005 Aq code: Aq flag: Not Reported Pct aq: 15 Pct aq d: 0 Pct aq r: 18 Pct maq: 15 Pct maq d: 0 18 8 Pct maq r: Pct cm:

			_
Pct cm d:	43	Pct cm r:	0
Pct pcm:	53	Pct pcm d:	0
Pct pcm r:	64	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	35
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Ť
A hit rock:	, F	A sc lith1:	Not Reported
A sc Imod1:	-		
	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0 Not Deported	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	100
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0		0
	0	Pct aq 9:	0
Pct maq 9:		Pct cm 9:	
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.0001		
Vert Conduct:	.0001		
T2:	.0015		
D50plek:	.00014		
•			

Map ID Direction Distance

Database EDR ID Number Elevation AG115 WSW **MI WELLS** MI20116049 1/2 - 1 Mile Higher Wellid: 38000001021 Import id: 38720128010 Township: Blackman County: Jackson Town range: 02S 01W Section: 28 EDWARDS, MARVIN Owner name: Well addr: 1107 MAYNARD DR Well depth: 168 Well type: Household 0 Wssn: Well num: Driller id: 404 Not Reported Const date: 1968-04-12 00:00:00.000 Case type: Steel-black Case dia: 4 Case depth: 40 Screen frm: 0 Screen to: 0 Swl: 40 Test depth: 50 Test hours: 10 Test rate: 30 Test methd: Unknown Grouted: Pmp cpcity: 42.2628935001 Latitude: Longitude: -84.4426083861 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 991 Elev dif: Elev miv: 993 Aq code: Rock Well Aq flag: Not Reported Pct aq: 9 0 Pct aq d: 43 Pct aq r: Pct maq: 0 Pct maq d: 0 Pct mag r: 0 Pct cm: 79 Pct cm r: Pct cm d: 0 100 Pct pcm: 12 Pct pcm d: 57 Pct pcm r: 0 Pct na: 0 0 0 Pct na d: Pct na r: Not Reported 35 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F F A hit swl: A hit top: A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 100 Pct na 1: 0

Pct maq 2: 0 Pct pcm 2: 0 Pct aq 3: 0 0 Pct cm 3: Pct na 3: 0 Pct maq 4: 0 Pct pcm 4: 0 Pct aq 5: 0 Pct cm 5: 0 Pct na 5: 0 Pct maq 6: 0 Pct pcm 6: 0 Pct aq 7: 0 0 Pct cm 7: 0 Pct na 7: Pct maq 8: 0 0 Pct pcm 8: Pct aq 9: 0 Pct cm 9: 0 Pct na 9: 0 Pct maq 10: 0 0 Pct pcm 10: Pct aq 11: 0 0 Pct cm 11: Pct na 11: 0 Pct maq 12: 0 Pct pcm 12: 0 0 Pct aq 13: 0 Pct cm 13: Pct na 13: 0 Loc match: Υ

116
NNE
MI WELLS
MI20115936
1/2 - 1 Mile

Import id:

Township:

Section:

 Wellid:
 3800000993

 County:
 Jackson

 Town range:
 02S 01W

Owner name: QUILHOT, ROBERT Well addr: 813 WOODWORTH RD.

Well depth: 82

Lower

Well type: Household

Wssn: 0

 Well num:
 Not Reported
 Driller id:
 106

 Const date:
 1971-05-22 00:00:00.000
 Case type:
 Unknown

Case dia: 4

38720122019

Blackman

22

Case depth:	63		
Screen frm:	0		
Screen to:	0		
Swl:	23		
Test depth:	27		
Test hours:	1		
Test rate:	17	Test methd:	Unknown
Grouted:	0	Pmp cpcity:	0
Latitude:	42.2835363763		
Longitude:	-84.4218920954		
Methd coll:	Interpolation-Map		
Elevation:	962		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported	-1 - 3	
Swl flag:	Not Reported		
Elev dem:	961	Elev dif:	1
Elev miv:	962	Ag code:	Rock Well
Aq flag:	Not Reported	Pct aq:	76
Pct aq d:	100	Pct aq r:	20
Pct mag:	18	Pct maq d:	0
Pct mag r:	60	Pct cm:	6
Pct cm d:	0	Pct cm r:	20
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
	Not Reported	Rock top:	57
Pct flag:	•	•	_
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F_	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	100
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	100	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
•			

Pct aq 10:	0	Pct mag 10:
Pct cm 10:	0	Pct pcm 10:
Pct na 10:	0	Pct aq 11:
Pct mag 11:	0	Pct cm 11:
Pct pcm 11:	0	Pct na 11:
Pct aq 12:	0	Pct maq 12:
Pct cm 12:	0	Pct pcm 12:
Pct na 12:	0	Pct aq 13:
Pct maq 13:	0	Pct cm 13:
Pct pcm 13:	0	Pct na 13:
Within sec:	Υ	Loc match:
Aq code 1:	R	
Hit swl:	F	
Athk2:	0	
Horiz Conduct:	300	
Vert Conduct:	300	
T2:	11100	
D50plek:	633.3152	

AH117 SW 1/2 - 1 Mile MI20116185 **MI WELLS**

Higher

38720133005 Wellid: 38000001166 Import id: County: Jackson Township: Blackman Section: Town range: 02S 01W 33

Owner name: MULVANEY, MR. Well addr: 896 LONGFELLOW ST

Well depth: 160

Well type: Household 0 Wssn:

Well num: Not Reported Driller id: 106 Const date: 1980-04-23 00:00:00.000 Case type: Unknown

Case dia: 4 Case depth: 61.5 Screen frm: 0 Screen to: 0 Swl: 54 Test depth: 74 Test hours: 3

Test rate: 15 Test methd: Unknown Grouted: 0 Pmp cpcity:

Latitude: 42.2586541427 Longitude: -84.4374534578 Methd coll: Interpolation-Map

Elevation: 1004

Not Reported Elev methd: Topographoc Map Interpolation Depth flag:

Elev flag: Not Reported Not Reported Swl flag:

Elev dem: 0 1004 Elev dif:

Rock Well Elev miv: 1004 Aq code:

Aq flag: Not Reported Pct aq: 0 Pct aq d: 0 Pct aq r: 0 0 Pct maq: 5 Pct maq d: 6 48 Pct maq r: Pct cm:

Pct cm d:	0	Pct cm r:	61
Pct pcm:	48	Pct pcm d:	100
Pct pcm r:	32	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	36
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Ť
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imag1:	Not Reported
A sc lpct1:	0	A sc lith2:	
A sc Imod2:		A sc Imaq2:	Not Reported
	Not Reported		Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct mag 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Y	Loc match:	Y
	r R	Loc maton.	1
Aq code 1:	r F		
Hit swl:			
Athk2:	0		
Horiz Conduct:	.001		
Vert Conduct:	.001		
T2:	.016		
D50plek:	.00108		

Map ID
Direction
Distance
Florestion

Database EDR ID Number Elevation AF118 SSW **MI WELLS** MI20116207 1/2 - 1 Mile Higher Wellid: 38000001188 Import id: 38720133027 Township: Blackman County: Jackson Town range: 02S 01W Section: 33 GARREN, ARNOLD Owner name: Well addr: 849 WINIFRED Well depth: 178 Well type: Household 0 Wssn: Well num: Driller id: 106 Not Reported 1978-11-09 00:00:00.000 Const date: Case type: Unknown Case dia: 4 Case depth: 56 Screen frm: 0 Screen to: 0 Swl: 61 Test depth: 62 2 Test hours: Test rate: 20 Test methd: Unknown Grouted: Pmp cpcity: 42.2576533792 Latitude: Longitude: -84.435323278 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 1004 Elev dif: Elev miv: 1007 Aq code: Rock Well Aq flag: Not Reported Pct aq: 13 17 Pct aq d: 0 Pct aq r: Pct maq: 14 Pct maq d: 60 Pct mag r: 0 Pct cm: 15 Pct cm d: 0 Pct cm r: 19 Pct pcm: 3 Pct pcm d: 14 Pct pcm r: 0 Pct na: 3 0 12 Pct na d: Pct na r: Not Reported 42 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported A sc Imod2: Not Reported A sc Imaq2: Not Reported A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 75 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 25

Pct maq 2:	50
Pct pcm 2:	30
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

Al119 SW 1/2 - 1 Mile Higher

Wellid: 38000001192 County: Jackson Town range: 02S 01W Owner name: WINTER, D.C. 909 BRYANT Well addr: Well depth: 170 Well type: Household

Wssn: 0

Not Reported Well num: Const date: 1966-09-15 00:00:00.000

Case dia:

MI WELLS MI20116211

38720133031 Blackman 33

495 Unknown

Import id:

Township:

Section:

Driller id:

Case type:

Case depth: 130 Screen frm: 0 Screen to: 0 Swl: 26 26 Test depth: Test hours: 0 Test rate: 0 Test methd: Unknown Grouted: Pmp cpcity: 42.2592136512 Latitude: -84.4388497318 Longitude: Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Swl flag: Not Reported Elev dem: 997 Elev dif: 3 Rock Well Elev miv: 1000 Aq code: Not Reported Aq flag: Pct aq: 12 Pct aq d: 0 Pct aq r: 16 Pct mag: 0 Pct mag d: 0 Pct mag r: 0 Pct cm: 69 Pct cm d: 21 Pct cm r: 84 Pct pcm: 9 Pct pcm d: 36 0 0 Pct pcm r: Pct na: Pct na d: 0 Pct na r: 0 Pct flag: Not Reported Rock top: 42 D r type: Not Reported Spc cpcity: 0 A thicknes: 0 0 A pct aq: A pct maq: 0 A pct pcm: 0 0 0 A pct cm: A pct na: A thickns2: 0 A pct ag2: 0 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: A hit swl: F A hit top: Т A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: A sc Imaq2: A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 75 Pct na 1: 25 0 Pct aq 2: 0 Pct maq 2: Pct cm 2: 0 35 Pct pcm 2: 0 Pct na 2: 65 Pct aq 3: Pct maq 3: 0 Pct cm 3: 0 Pct pcm 3: 0 Pct na 3: 0 Pct aq 4: 0 Pct maq 4: 0 Pct cm 4: 0 Pct pcm 4: 0 0 Pct na 4: 0 Pct aq 5: Pct maq 5: 0 Pct cm 5: 0 0 0 Pct pcm 5: Pct na 5: 0 0 Pct aq 6: Pct maq 6: 0 Pct cm 6: 0 Pct pcm 6: Pct na 6: 0 Pct aq 7: 0 Pct maq 7: 0 Pct cm 7: 0 Pct pcm 7: 0 Pct na 7: 0 Pct aq 8: 0 Pct maq 8: 0 Pct cm 8: 0 Pct pcm 8: 0 Pct na 8: 0 Pct aq 9: 0 0 Pct maq 9: 0 Pct cm 9: 0 0 Pct na 9: Pct pcm 9:

Pct aq 10:	0	Pct mag 10:
Pct cm 10:	0	Pct pcm 10:
Pct na 10:	0	Pct aq 11:
Pct maq 11:	0	Pct cm 11:
Pct pcm 11:	0	Pct na 11:
Pct aq 12:	0	Pct maq 12:
Pct cm 12:	0	Pct pcm 12:
Pct na 12:	0	Pct aq 13:
Pct maq 13:	0	Pct cm 13:
Pct pcm 13:	0	Pct na 13:
Within sec:	Υ	Loc match:
Aq code 1:	R	
Hit swl:	F	
Athk2:	0	
Horiz Conduct:	.0001	
Vert Conduct:	.0001	
T2:	.0009	

AH120 **MI WELLS** MI20116184

SSW 1/2 - 1 Mile Higher

D50plek:

38720133004 Wellid: 38000001165 Import id: County: Jackson Township: Blackman Town range: 02S 01W Section: 33

Owner name: BRENEMAN, MARION Well addr: 882 LONGFELLOW

.00005

Well depth: 167

Well type: Household 0 Wssn:

Well num: Not Reported Driller id:

167 Const date: 1990-04-18 00:00:00.000 Case type: **PVC Plastic**

Case dia: 5 Case depth: 58 Screen frm: 0 Screen to: 0 Swl: 49 Test depth: 52 Test hours: 1

20 Test rate: Test methd: Unknown Grouted: 1 Pmp cpcity:

Latitude: 42.2583404742 Longitude: -84.4373605913 Methd coll: Interpolation-Map

Elevation: 1004

Not Reported Elev methd: Topographoc Map Interpolation Depth flag:

Elev flag: Not Reported Not Reported Swl flag:

Elev dem: 1004 Elev dif: 0

Rock Well Elev miv: 1004 Aq code:

Aq flag: Not Reported Pct aq: 5 Pct aq d: 10 Pct aq r: 3 29 Pct maq: 63 Pct maq d: 77 14 Pct maq r: Pct cm:

-	_		
Pct cm d:	0	Pct cm r:	19
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	48
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
	0		0
A pct cm:		A pct na:	
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Т
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc lmod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	25
Pct maq 1:	70	Pct cm 1:	0
Pct pcm 1:	0	Pct na 1:	5
Pct ag 2:	0	Pct maq 2:	0
Pct cm 2:	0		0
_ ***		Pct pcm 2:	
Pct na 2:	100	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
_ '	0		0
Pct aq 8:		Pct maq 8:	
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Ÿ	Loc match:	Ϋ́
Ag code 1:		Loc materi.	1
•	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		

D50plek:

0

Мар	ID
Dire	ction
Dista	ance

Database EDR ID Number Elevation AI121 **MI WELLS** MI20116189 1/2 - 1 Mile Higher Wellid: 38000001170 Import id: 38720133009 Township: Blackman County: Jackson Town range: 02S 01W Section: 33 ZEMER, MARK Owner name: Well addr: 903 BRYANT Well depth: 110 Well type: Household 0 Wssn: Well num: Driller id: 1077 Not Reported 1975-04-07 00:00:00.000 Const date: Case type: Unknown Case dia: 4 Case depth: 45 Screen frm: 0 Screen to: 0 Swl: 20 Test depth: 110 Test hours: 1 Test rate: 30 Test methd: Unknown Grouted: Pmp cpcity: 42.259072975 Latitude: Longitude: -84.4390147928 Methd coll: Interpolation-Map Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 1000 Elev dif: Elev miv: 1003 Aq code: Rock Well Aq flag: Not Reported Pct aq: 68 Pct aq d: 0 Pct aq r: 100 0 Pct maq: 0 Pct maq d: 0 Pct mag r: 0 Pct cm: Pct cm r: Pct cm d: 0 0 Pct pcm: 32 Pct pcm d: 100 Pct pcm r: 0 Pct na: 0 0 0 Pct na d: Pct na r: Not Reported 35 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: 0 A pct maq2: 0 A pct pcm2: 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 100 Pct na 1: 0

Pct aq 2: Pct cm 2: Pct na 2: Pct maq 3: Pct pcm 3: Pct aq 4: Pct cm 4: Pct maq 5: Pct pcm 5: Pct aq 6: Pct cm 6: Pct na 6: Pct na 6: Pct pcm 7: Pct pcm 7: Pct pcm 7: Pct pcm 8: Pct na 8: Pct maq 9: Pct pcm 9: Pct aq 10: Pct cm 10: Pct na 10: Pct maq 11: Pct pcm 11: Pct aq 12: Pct cm 12: Pct maq 13: Pct pcm 13: Within sec:	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Pct pcm 11:	-
•	-
	-
•	-
Within sec:	•
Aq code 1:	R
Hit swl:	F 0
Athk2: Horiz Conduct:	.01
Vert Conduct:	.01
T2:	.15
D50plek:	.00738

Pct maq 2: Pct pcm 2: Pct aq 3: Pct cm 3: Pct na 3: Pct maq 4: Pct pcm 4:	0 0 0 0 0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7: Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	V Y
Loc match:	Y

AF122 SSW 1/2 - 1 Mile Higher

 Wellid:
 38000001174
 Import id:
 38720133013

 County:
 Jackson
 Township:
 Blackman

 Town range:
 02S 01W
 Section:
 33

Owner name: MAYFLOWER MOVING

Well addr: 818 WAYNE ST

Well depth: 170 Well type: Household

Wssn: 0

Well num: Not Reported Driller id: 1150
Const date: 1979-06-26 00:00:00.000 Case type: Unknown

Case dia: 5

MI WELLS

MI20116193

Case depth:	58		
Screen frm:	0		
Screen to:	0		
Swl:	58		
Test depth:	0		
Test hours:	0		
Test rate:	0	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	0
Latitude:	42.2571092582		
Longitude:	-84.4347784933		
Methd coll:	Interpolation-Map		
Elevation:	1006		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported	Dopur hag.	Not reported
Swl flag:	Not Reported		
Elev dem:	1004	Elev dif:	2
			∠ Drift Well
Elev miv:	1006	Aq code:	
Aq flag:	Not Reported	Pct aq:	0
Pct aq d:	0	Pct aq r:	0
Pct maq:	0	Pct maq d:	0
Pct maq r:	0	Pct cm:	21
Pct cm d:	21	Pct cm r:	0
Pct pcm:	12	Pct pcm d:	12
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-1
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	Ť
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imag1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
	0	Pct aq 1:	0
A sc lpct2:	0	-	
Pct maq 1:		Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	-
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	75
Pct pcm 3:	0	Pct na 3:	25
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	0
Pct na 4:	100	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	100
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	100	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	100
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
- · F - · · · - ·	-		-

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ

Not Reported Not Reported

0

0

0

0

0

Aq code 1: Hit swl:

Horiz Conduct:

Vert Conduct:

Athk2:

T2:

D50plek:

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Zipcode	Test Date	LT Sign	Resul
49202	12/11/2007		1.3
49202	4/6/1998		1.3
49202	3/9/1998		1.3
49202	8/2/2002		1.3
49202	11/1/2004		1.3
49202	10/28/1998		1.2
49202	11/17/2000		1.3
49202	2/2/2000		1.2
49202	2/5/2002		1.2
49202	2/4/2006		1.2
49202	2/14/2006		1.2
49202	6/12/2002		1.1
49202	3/27/2009		1.2
49202	4/12/1994		1.1
49202	12/14/2009		1.1
49202	12/13/2004		1.1
49202	10/25/2005		1.1
49202	1/28/2002		1.0
49202	11/13/2001		1.0
49202	2/23/1998		1.0
49202	12/31/1993		1.9
49202	12/15/2003		1.0
49202	12/1/2006		1.0
49202	1/31/1994		1.8
49202	11/7/2005		1.8
49202	10/23/2000		1.9
49202	1/29/2000		1.9
49202	2/17/1997	<	0.3
49202	6/11/2005	<	0.3
49202	4/28/1998	<	0.3
49202	10/18/2001	<	0.3
49202	11/5/2002	<	0.3
49202	2/9/2006	<	0.3
49202	2/6/2006	<	0.3
49202	9/16/1994		0.5
49202	8/7/2009		0.5
49202	11/1/1995		0.4
49202	2/27/2003	<	0.3
49202	7/15/2008	<	0.3
49202	2/26/2002		0.4
49202	4/9/1994	<	0.3
49202	12/7/1998		0.8
49202	3/9/1998		0.9
49202	11/13/2001		0.8
49202	11/3/1995		0.9
49202	11/13/2001		0.8
49202	, . 3,2001		0.0

AREA RADON INFORMATION

	2/15/2002	0.8
49202	2/5/1996	0.9
49202	3/19/2005	0.3
49202	11/13/2001	0.7
49202	10/18/2004	0.8
49202	1/22/2007	0.8
49202	2/6/2006	0.8
49202	3/18/2005	0.9
49202	10/12/1999	0.6
49202	1/26/2009	0.7
49202	2/13/2009	0.6
49202	3/19/1994	0.9
49202	11/1/1995	0.5
49202	11/11/2002	0.5
49202	11/4/2002	0.6
49202	2/9/2000	1.8
49202	11/30/2009	1.8
49202	2/1/2006	2.9
49202	12/3/1996	2.6
49202	10/27/2000	2.9
49202	1/31/1994	2.5
49202	11/2/2001	2.5
49202	11/7/2002	2.5
49202	2/4/1997	2.4
49202	3/28/2008	2.4
49202	6/23/2008	2.4
49202	2/2/2006	2.2
49202	3/28/2000	2.4
49202	5/31/1994	2.3
49202	7/28/2009	2.4
49202	9/19/1998	2.3
49202	5/15/2000	2.2
49202	3/2/1998	2.1
49202	3/19/1999	2.1
49202	2/6/2006	2.2
49202	2/15/2006	3.0
49202	1/29/2009	2.9
49202	11/30/1998	2.7
49202	11/19/2001	2.6
49202	4/3/2002	2.6
49202	12/31/1993	3.0
49202	6/22/2005	2.7
49202	11/1/2004	2.7
49202	1/23/2010	
		3.0
49202	3/16/2004	2.8
49202	3/1/1995	2.7
49202	4/23/1994	2.6
49202	4/13/1994	3.6
49202	3/13/1996	3.5
49202	4/13/1998	3.5
49202	4/29/1998	3.5
49202	3/13/1995	3.5
49202	9/28/2009	3.5
49202	11/5/2004	3.5
49202	2/19/2004	3.5
49202	2/21/2007	3.5
49202		

AREA RADON INFORMATION

	7/14/2008		3.5
49202			
	3/10/2000		3.5
49202	2/13/1998		3.4
49202	2/16/2002		3.4
49202	4/22/1994		3.4
49202	2/20/2006		3.1
49202	4/5/2005		3.2
49202	12/14/2005		3.2
49202	2/17/2006		3.2
49202	9/10/1994		3.1
49202	12/3/1994		3.1
49202	6/7/2001	<	0.3
49202	2/15/2002		3.3
49202	2/9/2006		3.3
49202	11/1/1995		3.0
49202	7/30/2009	<	0.3
49202	10/28/1995	•	3.7
49202	11/13/2004		3.9
49202	12/7/2002		3.7
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49202			
49202	4/14/1994		3.3
49202	1/21/2000		3.7
49202	4/8/1999		3.7
49202	11/1/1995		3.6
49202	3/16/2006		1.7
49202	9/10/1994		1.7
49202	11/22/1995		1.7
49202	10/27/2001		1.7
49202	1/11/2003		1.7
49202	6/21/2004		1.7
49202	3/17/2004		1.7
49202	1/25/1997		7.2
49202	2/26/2008		6.5
49202	2/4/2006		6.2
49202	12/7/2009		6.2
49202	12/31/1993		6.1
49202	3/2/1994		6.0
49202	11/6/1996		5.5
49202	6/7/2001		5.2
49202	10/22/2001		5.9
49202	11/3/2006		5.5
49202	3/28/2005		5.1
49202	2/17/2001		5.1
49202	8/30/2004		4.7
49202	2/9/2006		4.7
49202	5/9/2005		5.8
49202	11/23/2002		4.8
49202	4/9/2008		5.8
49202	2/16/2004		5.0
49202	10/29/2004		5.0
49202	2/7/1998		4.6
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49202	3/10/2000		4.7
49202	10/8/2002		4.9
49202	11/4/2002		4.9
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AREA RADON INFORMATION

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49202	9/29/2005	7.8
49202	2/9/2009	7.4
49202	3/28/2008	6.9
49202	11/1/1997	2.0
49202	5/5/2009	2.0
49202	10/27/2001	24.8
49202	3/28/1995	18.0
49202	7/22/2003	2.0
49202	2/4/2006	17.3
49202	3/3/2006	16.8
49202	4/12/1995	9.0
49202	6/17/2003	8.9
49202	2/10/2006	8.0
49202	5/26/2009	10.8
49202	2/4/2002	8.8
49202	3/2/1998	11.6
49202	6/9/2003	10.7
49202	2/10/2006	11.5
49202	9/9/2008	10.5
49202	1/17/2007	8.3
49202	5/8/2006	11.2
49202	4/12/1995	11.2
49202	3/5/2009	10.3
49202	4/6/1998	9.4
49202	11/15/2002	8.7
49202	12/10/2002	8.6
49202	5/4/2006	8.1
49202	11/1/2004	9.2
49202	2/20/2006	2.1
49202	5/22/2006	33.4
49202	10/25/2004	19.5
49202	11/16/2009	19.3
49202	12/28/2009	2.0
49202	1/26/2006	25.6
49202	11/23/2002	18.9
49202	6/22/2009	2.1
49202	11/7/1995	2.0
49202	10/31/1995	2.0
49202	2/15/2003	1.6
49202	5/5/2009	1.7
49202	4/28/1997	1.6
49202	10/30/2004	4.3
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49202	11/9/1995	4.1
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49202	5/7/2001	4.6
49202	5/8/1999	4.4
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		4.2 4.1
49202	5/7/1999	
49202	2/2/1995	4.2
49202	11/6/1999	4.5
49202	2/17/2009	1.6
49202		

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	11/22/1995	1.5
49202	2/13/2006	1.6
49202	2/6/2001	1.6
49202	4/20/1994	1.6
49202	8/3/2009	1.6
49202	2/5/2002	1.4
49202	9/10/1996	1.3

Federal EPA Radon Zone for JACKSON County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 49202

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.200 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Source: Department of Natural Resources

Telephone: 517-241-2254

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Data

Source: Department of Environmental Quality

Telephone: 517-335-9218

OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells

Source: Department of Natural Resources and Environment

Locations of oil and gas wells are compiled from permit records on file at the Geological Survey Division (GSD), Michigan Department of Natural Resources.

RADON

State Database: MI Radon

Source: Department of Environmental Quality

Telephone: 517-335-9551 Radon Test Results

Michigan Radon Test Results

Source: Department of Environmental Quality

Telephone: 517-335-8037

These results are from test kits distributed by the local health departments and used by

Michigan residents. There is no way of knowing whether the devices were used properly, whether there are duplicates (or repeat verification) test (i.e., more than one sample per home), etc.

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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APPENDIX D

AERIAL PHOTOGRAPHS



Country Hearth Inn

1111 Boardman Jackson, MI 49202

Inquiry Number: 2990959.4

February 16, 2011

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography February 16, 2011

Target Property:

1111 Boardman

Jackson, MI 49202

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1938	Aerial Photograph. Scale: 1"=500'	Flight Year: 1938	AAA
1950	Aerial Photograph. Scale: 1"=500'	Flight Year: 1950	PMA
1957	Aerial Photograph. Scale: 1"=500'	Flight Year: 1957	CSS
1964	Aerial Photograph. Scale: 1"=500'	Flight Year: 1964	ASCS
1972	Aerial Photograph. Scale: 1"=600'	Flight Year: 1972	ASCS
1982	Aerial Photograph. Scale: 1"=600'	Flight Year: 1982	ASCS
1992	Aerial Photograph. Scale: unknown	Flight Year: 1992	FSA
2005	Aerial Photograph. Scale: 1"=604'	Flight Year: 2005	EDR



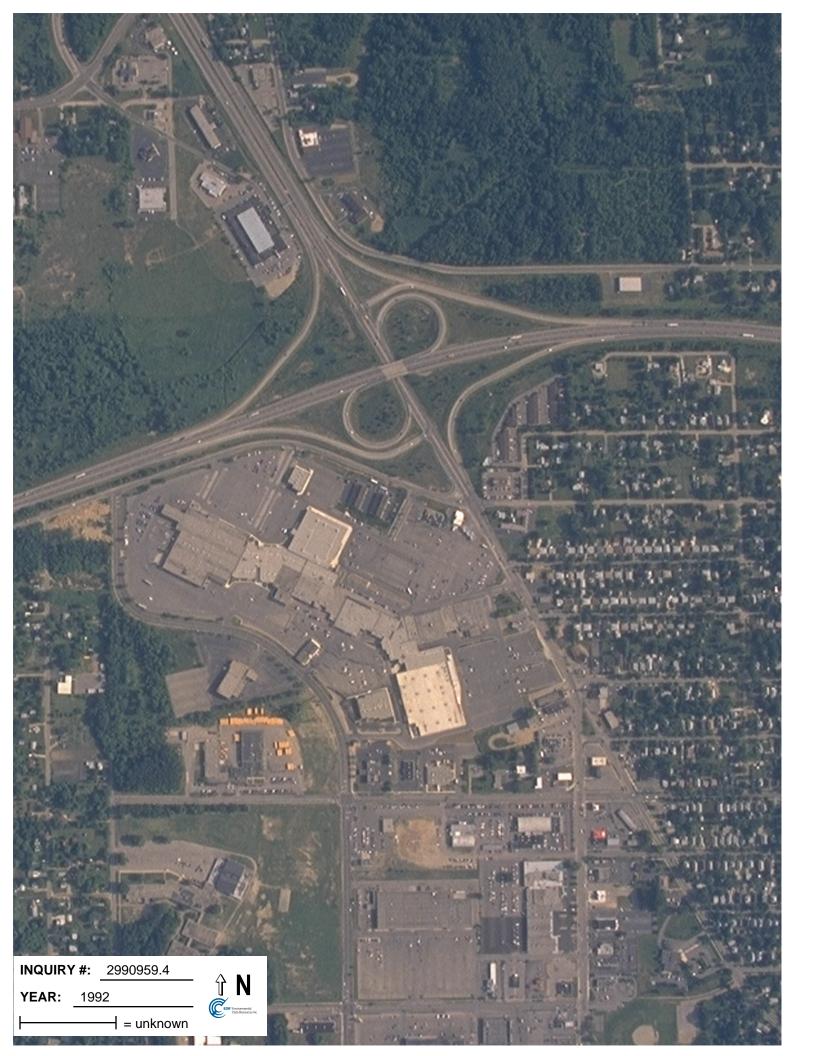














APPENDIX E

SANBORN MAPS



Country Hearth Inn

1111 Boardman Jackson, MI 49202

Inquiry Number: 2990959.3

February 14, 2011

Certified Sanborn® Map Report



Certified Sanborn® Map Report

2/14/11

Site Name: Client Name:

Country Hearth Inn Envirologic Technologies, Inc. 1111 Boardman 2960 Interstate Parkway Kalamazoo, MI 49048

EDR Inquiry # 2990959.3 Contact: Matt Tanis



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Envirologic Technologies, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Country Hearth Inn Address: 1111 Boardman City, State, Zip: Jackson, MI 49202

Cross Street:

P.O. # NA **Project:** 110034

Certification # 7C81-4E21-8427

Maps Provided:

1990 1980



Sanborn® Library search results Certification # 7C81-4E21-8427

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

✓ Library of Congress

University Publications of America

✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1990 Source Sheets



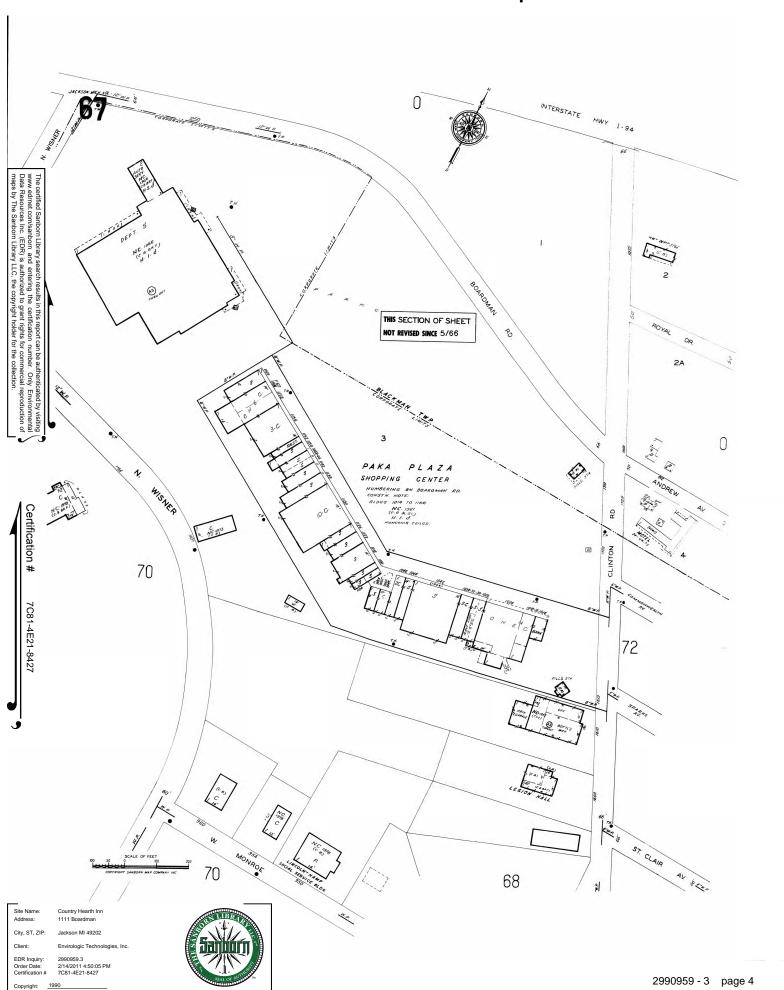
Volume 1, Sheet 67

1980 Source Sheets

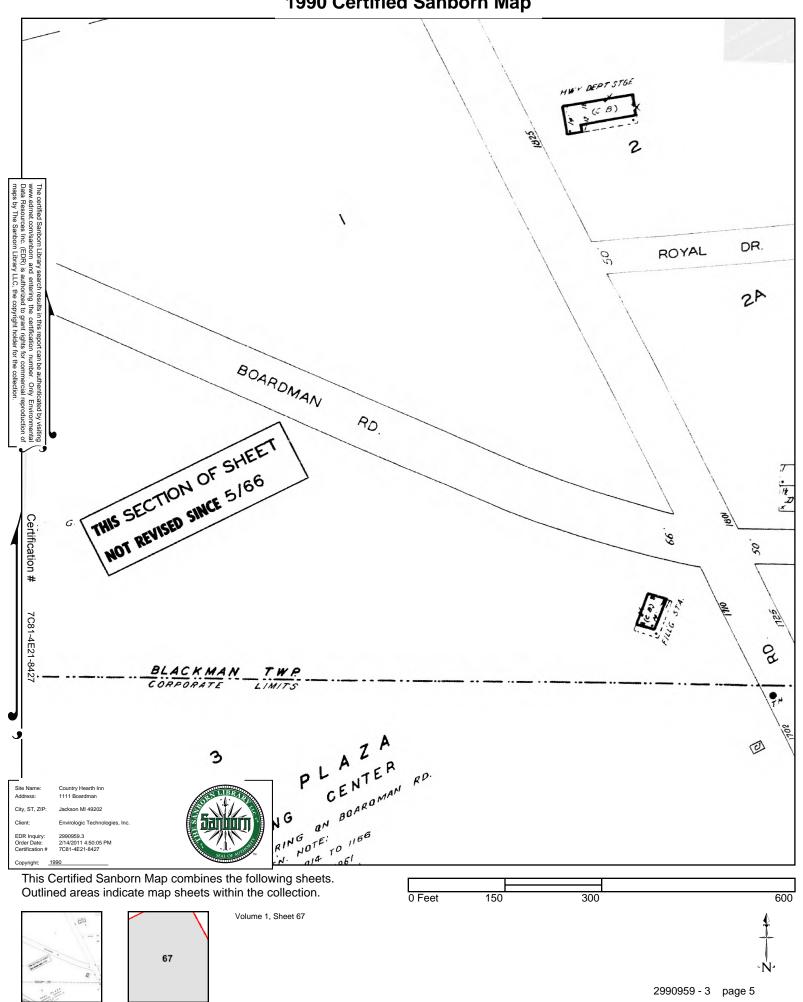


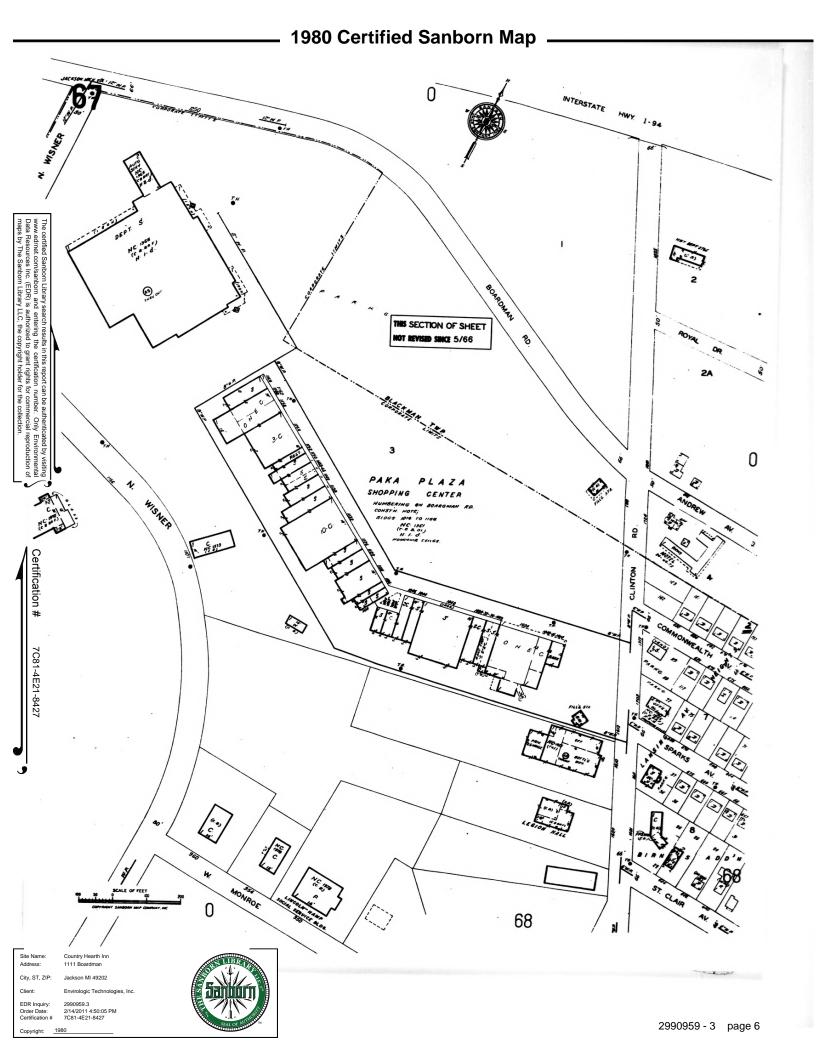
Volume 1, Sheet 67

1990 Certified Sanborn Map

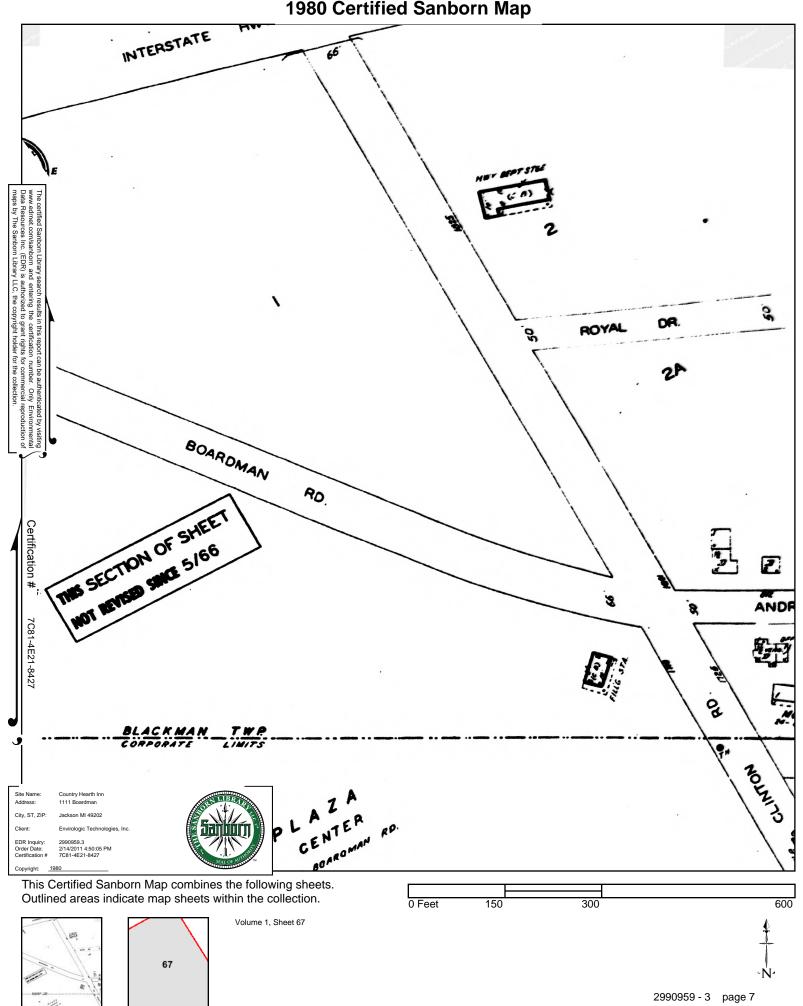


1990 Certified Sanborn Map





1980 Certified Sanborn Map



APPENDIX F

FOIAR DOCUMENTATION (REQUESTS AND RESPONSES)

MATERIAL PROVIDED MAY NOT REPRESENT ALL PUBLICLY AVAILABLE FILE INFORMATION





Jackson County ADMINISTRATOR/CONTROLLER

Adam J. Brown, Interim Administrator/Controller

February 15, 2011

Mr. Matt Tanis Envirologic Technologies, Inc. 2960 Interstate Parkway Kalamazoo, MI 49048

RE: Freedom of Information Act Request

Dear Mr. Tanis:

This is in response to your request for information under the Freedom of Information Act. In your letter you requested **copies of any available information such as well logs**, septic permits and/or location of septic systems, and any information on area groundwater contamination pertaining to the site located at 1111 Boardman Road, Jackson, Michigan.

The information you requested is enclosed.

Sincerely,

Adam J. Brown Dury Manual Interim Administrator Controller

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AJB/ji



Jackson County Health Department

1715 Lansing Ave, Suite 221 - Jackson, Michigan 49202 -Phone (S17) 788-4433 - FAX (517) 788-4616

NUISANCE COMPLAINT FORM

	1		
Location of the Nuisance: Address	City/Town	nship	
Cauntry Hearth 1111 Boardman	garkson	michigan	•
Person(s) responsible for nulsance: Name: Addr	988	Phone	r 1962 os 2002 est establista de la
Country Hearth 1111 B	madmun 5%	7 78 36404	•
Complainant Information:			· ·
Address	City/Tow	nship	
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An Equal Opportunity Employer

Accounting 788-4487

Environmental Health Division 788-4493

Health Education 788-4655

Personal & Preventative Health 788-4412

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	701 Regency Sq Apt	103	,,,,
	Kalamazoo MI 4900	8-3014	
		•	•

TRANSACTION REPORT

FEB/14/2011/MON 04:14 PM

FAX(TX)

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2960 INTERSTATE PARKWAY • KALAMAZOO, MICHIGAN 49048 269-342-1100 • FAX 269-342-4945 •

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1

Date:

2-14-11

From:

Matt Tanis

Message

In accordance with the provisions of the Freedom of Information Act, Envirologic Technologies, Inc. (Envirologic) would like to procure copies of any available information such as well logs, septic permits and/or location of septic systems, and any information on area groundwater contamination pertaining to the following project site:

Country Hearth Inn 1111Boardman Road Jackson, MI

Please send or fax copies of available information and invoice to my attention. Should you have any questions, please do not hesitate to contact me at (269) 342-1100.

Thank you for your time and consideration in this matter.

Sincerely,

ENVIROLOGIC TECHNOLOGIES, INC.

Matt Tanis



2960 INTERSTATE PARKWAY • KALAMAZOO, MICHIGAN 49048 269-342-1100 • FAX 269-342-4945 •

Fax Transmittal

To:

FOIA Coordinator

Company:

Jxn. Co. Health Dept - Env. Health Div.

Fax Number:

517-788-4616

Phone Number:

517-788-4433

Number of Pages:

1

Date:

2-14-11

From:

Matt Tanis

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Sincerely,

ENVIROLOGIES, INC.

Matt Tanis

Project Scientist

269



2960 INTERSTATE PARKWAY • KALAMAZOO, MICHIGAN 49048, 269-342-1100 • FAX 269-342-4945

Fax Transmittal

To:

FOIA Coordinator,

MDNRE- Jackson District Office

Divisions:

RRD; WHMD

Fax Number:

(517) 780-7855

Phone Number:

(517) 780-7880

Number of Pages:

1

Date:

February 14, 2011

From:

Matt Tanis

Message

Dear FOIA Coordinator:

In accordance with the provisions of the Freedom of Information Act, Envirologic Technologies, Inc. (Envirologic) would like to review all available file information for the following sites:

Country Hearth Inn

Target Corp

1111 Boardman

1610 N West Ave

Jackson, MI 49202

Jackson, MI

Facility ID 00018792

John Lefere 1314 N West Ave Jackson, MI 49202 Facility ID 00010150

Please contact me to schedule a time to complete a file review. Should you have any questions, please do not hesitate to contact me at (269) 342-1100. Thank you for your time and consideration in this matter.

Sincerely,

ENVIROLOGIC TECHNOLOGIES, INC.

Matt Tanis

Project Scientist

TRANSACTION REPORT

FEB/14/2011/MON 03:41 PM

FAX (TX)

#	DATE	START T.	RECEIVER	COM.TIME	PAGE	TYPE/NOTE		FILE
001	FEB/14	03:41PM	15177807855	0:00:22	1	MEMORY OK	SG3	1184



2960 INTERSTATE PARKWAY • KALAMAZOO, MICHIGAN 49048, 269-342-1100 • FAX 269-342-4945

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ENVIROLOGIC TECHNOLOGIES, INC.

Matt Tania



GOVERNOR

STATE OF MICHIGAN

DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENT LANSING



February 14, 2011

Mr. Matt Tanis Envirologic Technologies Inc. 2960 Interstate Parkway Kalamazoo, Michigan 49048

Dear Mr. Tanis:

SUBJECT:

Request for Disclosure of Official Files

Environmental Resource Management Division

Jackson District Office, 301 E. Louis Glick Hwy., Jackson, Michigan 49201

This notice is issued in response to your February 14, 2011, request for information under the Freedom of Information Act, 1976 PA 442, as amended (FOIA), received by this division on February 14, 2011. You have requested information that you describe as:

Bob Hardy Toyota, 3575 Francis Storey Stone, 3904 Francis Country Hearth Inn. 1111 Boardman John Lefere, 1314 N. West Target Corp., 1610 N. West Jackson, Jackson County

terbang subject and configuration expressions. The subject of the

The purpose of the FOIA is to provide the public with access to existing, nonexempt public records of public bodies. Your request to examine or receive a copy of the documents described above is denied.

Reason for denial: To the best of this public body's knowledge, information, and belief, the public record does not exist under the name given by the requester, or by another name reasonably known to the public body.

Authority for denial: Section 3(1) of the FOIA. Under section 10 of the FOIA, you may do either of the following:

- 1) Appeal this decision in writing to the Director of the Michigan Department of Natural Resources and Environment, P.O. Box 30473, Lansing, Michigan 48909-7917. The writing must specifically state the word "appeal," and must identify the reason or reasons you believe the denial should be reversed. The head of the department, or his designee, must respond to your appeal within 10 days after its receipt. Under unusual circumstances, the time for response to your appeal may be extended by 10 business days.
- 2) File an action in circuit court within 180 days after the date of the final determination to deny the request. If you prevail in such an action, the court is to award reasonable attorney fees, costs, and disbursements. Further, if the court finds the denial to be arbitrary and capricious, you may receive punitive damages in the amount of \$500.00.

If you have any questions, you may reach me at DNRE-ERMD, Jackson State Office Building, 301 East Louis Glick Highway, Jackson, Michigan 49201; by telephone at the number listed below; or by e-mail at dumontr@michigan.gov

Ralph E. DuMont, Secretary

Rayper E. Durant

Environmental Resource Management Division 517-780-7924 - 1010 - 2010 (2010 - 1020 - 10

APPENDIX G

USER'S RESPONSIBILITIES DOCUMENTATION SELLER QUESTIONNAIRE

(not made available during the timeframe of this Phase I ESA)



APPENDIX H

PRIVATE/OTHER SUPPORTING DOCUMENTATION



Jackson County - Jackson County Internet Services



Logged in as: envirologic2 Home |

Change Unit

Add to

4

8

1

Additional Pages

Main > Assessing > Property and Land Search > Results > Details

Favorites

Profile

Logout

Help

General/Sales Buildings

Images/Sketches

General Property Information

Parcel: 000-08-28-252-001-02 Data Current As Of: 1:26 PM 1/30/2011

Printer friendly version Add to My Parcels



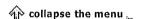
View this parcel on a map

ิ Related Details...

Delinquent Tax Animal License



View my Parcels



Click this button to collapse the above menu to the top of the screen.

**NOTE: There are 0 images and 0 sketches attached to the current property.

Property Address [collapse]

1111 BOARDMAN RD JACKSON, MI 49202

Owner Information [collapse]

JAI SHOMNATH LLC 1111 BOARDMAN RD JACKSON, MI 49202-1901

Unit:

01

Taxpayer Information [collapse]

SEE OWNER INFORMATION

General Information for Tax Year 2010 [collapse]

Property Class:

201

Assessed Value:

\$691,592

School District:

SCHOOL

38140 - NORTHWEST **Taxable Value:**

\$675,270

State Equalized Value:

\$691,592

Map #

N/A

User Number Indx:

Date of Last Name Chg:

11/28/2005

Date Filed:

Notes:

N/A

Principal Residence

Exemption

May 1st

Final

2011

0.0000%

2010

0.0000 %

0.0000%

Previous Year Info	MBOR Assessed	Final S.E.V.	Final Taxable
2009	\$677,302	\$677,302	\$677,302
2008	\$704,862	\$704,862	\$704,862

Land Information [collapse]

	Frontage	Depth
Lot 1:	0.00 Ft.	0.00 Ft.
Lot 2:	0.00 Ft.	0.00 Ft.
Lot 3:	0.00 Ft.	0.00 Ft.

Total Frontage:

Average Depth:

0.00 Ft.

Acreage:

1.81

Zoning Code: Land Value:

N/A

\$1,383,184

\$0

NO

Mortgage Code:

Lot Dimensions/Comments:

Renaissance Zone: Renaissance Zone **Expiration Date:**

Land Improvements:

Legal Information for 000-08-28-252-001-02 [collapse]

BEG AT E 1/4 POST OF SEC 28 TH N 89DEG 28'16"W 1076.21 FT TH N 28DEG 03' 16"E 84.01 FT TO A PT FOR PL OF BEG OF THIS DESCN TH N 65DEG 55'42"W 342.23 FT TH N 24DEG 04'18"E 225 FT TO THE SLY R/W LN OF BOARDMAN RD TH S 65DEG 55'42"E 357.89 FT TH S 28DEG 03'16"W 225.54 FT TO BEG. SEC 28 T2SR1W 1.808A

Sales Information

3 sale rec	3 sale record(s) found.														
Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms Of Sale	Liber/Page									
01/04/2006	\$0.00		JAI SHOMNATH LLC			1836-0600									
11/21/2005	\$1,320,835.00	WD	JACKSON EQUITY PARTNERS	JAI SHOMNATH LLC	ARMS LENGTH	1832-0390									
06/01/2005	\$1,290,000.00		HOBBS JAMES A DEPUTY SHERIFF	JP MORGAN CHASE BANK N A		1816-1002									

Load Building Information on this Page.

Building Information

0 building(s) found.			
Description	Floor Area	Yr Built	Est. TCV

**Disclaimer: BS&A Software provides this Web Site as a way for municipalities to display information online and is not responsible for the content or accuracy of the data herein. This data is provided for reference only and WITHOUT WARRANTY of any kind, expressed or inferred. Please contact your local municipality if you believe there are errors in the data. Privacy Policy



Blackman Charter Township



Logged in as: Anonymous

Home

Change Unit Create an Account

Add to

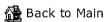
E Login Help

Additional Pages

General/Sales
Buildings
Images/Sketches

昱 Related Details...

Current Tax
Building Department
Sp. Assessment
Utility Billing



collapse the menu _

Click this button to collapse the above menu to the top of the screen.

<u>Main</u> > <u>Assessing</u> > <u>Property and Land Search</u> > <u>Results</u> > **Details**

Building Information

Parcel: 000-08-28-252-001-02

Printer friendly version

2	bui	laın	g(s) t	ound	d.

<u>Description</u> †	<u>Floor Area</u>	<u>Yr Built</u>	Est. TCV
☐ Commercial/Industrial Building 1 - Motel	5933 Sq. Ft.	1987	\$344,778

General Information

Floor Area: 5933 Sq. Ft. **Estimated TCV:** \$344,778 Occupancy: Motel Class: Stories Above Ground: **Average Story Height:** 8 **Basement Wall Height:** N/A Year Built: 1987 Year Remodeled: Zoned A.C. **Percent Complete:** 100% Heat: Warm & Cooled

Physical Percent Good: 65% Functional Percent Good: 100% Effective Age: 19 yrs.

☐ Commercial/Industrial Building 2 - *Motel*

5933 Sq. Ft.

1987

\$354,400

General Information

Floor Area: Occupancy: 5933 Sq. Ft. Motel Estimated TCV: Class:

\$354,400

Stories Above Ground: Basement Wall Height: Year Built: 2 N/A 1987 Average Story Height: Year Remodeled:

8

Percent Complete:

100%

Heat:

Zoned A.C.

19 yrs.

Physical Percent Good:

65%

Functional Percent Good: 100%

Warm & Cooled Air

Economic Percent Good: 100% Effective Age:

**Disclaimer: BS&A Software provides this Web Site as a way for municipalities to display information online and is not responsible for the content or accuracy of the data herein. This data is provided for reference only and WITHOUT WARRANTY of any kind, expressed or inferred. Please contact your local municipality if you believe there are errors in the data.

Privacy Policy



COMMERCIAL ASSESSMENT RECORD

Revenue Verified Map No. Book No. Page No. Parcel Code No.	0501 9/11	Property Address St. Ave.	Building or Alteration Permit (627 Date Amount	#1024 X 48 Modulas 1-14-81 5	872"x 7 Horliet deine then 1-4-85 3,500			Sidewalk	Caravel Water Electric		LAND VALUE COMPUTATIONS	Lot Size Factor. Equiv. Rate Value	124 STROOM + S			The state of the s	7	TOTAL LAND	TOTAL LAND IMPROVEMENTS \$ 10.000	TOTAL BUILDING	TOTAL APPRAISED VALUE 3		777	Assessed Board of Tax Valuation Review Commission	\$ 225 855\$	 8485 42669	2/3/86 88 12,500	
Address	1100 Soadnan			1111 Boadman 24 1		LAND SKETCH	(12 Close				\$	300	00014	7/8		N Marie		(C)		2 / C						
Date of Grantee's Name	Mich Bark	N		4-14-05 Jackon Equity Partmess	TECOMMENT	DESCRIPTION		•		100 1808 100 100 100 100 100 100 100 100						Taka Da	Sur 1103 Grandman P.											

COMMERCIAL / INDUSTRIAL ASSESSMENT RECORD

Revenue Verified Map No. Book No. Page No. Parcel Code No.	755 &C &C	Property Address	Building or Alteration Permit Date Am	hose	1830 - 41,300,835,00	LAND IMPROVEMENTS	Dirt Sidewalk Gas	Gravel Water Electric	Paved Sewer Fence	LAND VALVIE COMPITTATIONS	Lot Size Factor Front Rate Value	1.808 area \$ 25000 \$ 48,200	30,000		Decktor 33,600# X1,90 63840	TOTAL LAND \$ 45,200	TOTAL LAND IMPROVEMENTS \$ 63 840	TOTAL BUILDING \$ //8/590	total appraised value $s/25/36$		Taxable Loss + or - New New	· 644700 ·	15894	681308 50389	699,703	710348	
	idnan	Port.	425 of Sount, Se 40, Knoxulle To	12817	111 Boundoon (Jackson) 3	LAND SKETCH				phina		the state of the s	and the same of th							7	Year Assessed Capped	<u>•</u>	96 663009 662751	97 713398 681308	98 792014	8 854011 71639B	
Date of Transfer Grantee's Name	" Jestson	12/28/87 J.P. Morgan Chase Egint	11-22-05 Converning South Bush	11-35-05	11-21-05 JAI Shommath, LLC	DESCRIPTION	28-251-001-02	5																	H		